

Clearwater Convention Oct. 15, 16 & 17.
FREE FLEE Motorola, Plantation
Tampa Hamfest Nov. 13th.
Globecom '82, Bel Harbour, Nov. 29-30 Dec. 1-2
Broward Hamfest Dec. 4 & 5
Sarasota Hamfest Jan. 15 & 16th 1983
Pinellas Park Boys Club Hamfest, Feb. 20 1983
Miami Hamboree Feb. 5 & 6 1983
Orlando Hamcation Mar. 18, 19, 20, 1983
Orlando Hamcation Mar. 16 17 & 18 1984
Pse send dates early. See ads elsewhere for
complete details. Thanks.... Editor

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SKIP

Vol. 25 No. 5

THE ALL-FLORIDA AMATEUR RADIO AMATEUR'S PUBLICATION October 1982 Price 45 cents.



WHO'S who in disaster groups in Palm Beach county. Heads of all agencies mentioned in this months PBARC column. Photo taken during 1982 SET planning meeting at C.D. Hq, West Palm Beach.
(Photo via Jon, WD4KSN)

LATE FLASH

President Reagan has signed into law important legislation affecting amateur radio. The signing of H. R. 3239, which incorporates the amateur radio provisions of the legislation known earlier as S. 929 and H. R. 5008, took place on September 13. Thus ends a long battle for Congressional support of ARRL legislative proposals in the fields of radio frequency interference, monitoring by volunteers, volunteer examination preparation and administration, and the lengthening of amateur license terms.

BIKINI WATCH—HAM RADIO STYLE

By Frank N. Haas, KB4T

Where there's lifeguards, there's always pretty girls. Where there's a group of the best lifeguards in the nation, there's also a group of the best bikinis too!!! When the call went out for hams to provide communications for the 1982 National Lifeguard Championship, held on Daytona Beach, The World's Most Famous Beach, August 19 & 20 we weren't surprised when we ended up with lots of girl watchers!!!

In all, an even dozen Volusia County hams worked two eight hour days handling communications for the judges, boats and officials connected with the competition. One volunteer operator commented that the bikini fashion show was at least as interesting as the lifesaving events!!! Imagine having the duty on the Officials boat having to work with six scantily clad ladies taking in some sun while the men judged the competition!!!

K4SCL HONORED

(By Geo, K4TH at the Melbourne "Traffic Breakfast")

As it must — to all of us — there comes a time to pass the burden's duty, service, and responsibilities to another. In a few short weeks Woody Huddleston, K4SCL, will end eight years as Section Communications Manager, of Southern Florida, and take a well-deserved rest.

Because I have been closely associated with Woody, during these past years, the Section Traffic Manager, Dick Hill, WA4PFK, has asked me to make this presentation. I first met Woody in January, 1974, when I came up from the Panama Canal Zone, for my annual trip to the Miami Hamboree. This was Woody's first Hamfest, as SCM. When I retired nine months later and settled in Clearwater, I renewed my acquaintance, and - in fact - share the same birthday. So, I do feel competent to comment on Woody, both as SCM, and as a person.

To mention, briefly, a few of Woody's accomplishments — he holds the BPL Medallion, is an A-1 Operator, an Assistant Director, and has held most of the ARRL Field Organization appointments. He is NCS on several nets including FAST, QFN, 4RN and EAN. He is also a net representative for all these nets, and is a member of the Eastern Area Staff, of the National Traffic System.

During his tenure, as SCM, Woody has been instrumental in strengthening the existing traffic nets, as well as fostering and forwarding Public Service, and Emergency Nets; especially the local 2-meter nets, and having these nets become affiliated with the National Traffic System.

Woody has always insisted that the guide-lines of the American Radio Relay League be followed, in regards to traffic-handling and the N.T.S. organization. In these efforts he has had to make decisions that were, sometimes, unpopular, mis-understood and mis-construed. In doing so, he became the target for out-spoken criticism and abuse. In all these matters, he has never varied from established ARRL procedures and standards. I, personally, know how much disappointment and discouragement this has caused him. To his credit — he decided that these must pass, for the greater good of amateur radio.

Woody leaves behind a legacy of a well-organized, viable and expanding Section. I know that he would wish this trend to continue, and that he will continue to be active in Public Service, and in

traffic-handling. Because these accomplishments, services and leadership, should not go un-recognized, or unheralded, we offer the following Resolution:-

WHEREAS:- Woodrow Huddleston, K4SCL, has served faithfully, and loyally, as Section Communication Manager of the Southern Florida ARRL Section for 8 years, and;

QSY BACK PAGE COL..1

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DEADLINE: 8th of month in Box 501, Miami Springs, FL 33166

EX CALLS

We are pleased to print your EX-CALLS so your old friends will know what new call you are hiding behind. Have you sent in yours? Editor

N4AKA	ex	WA3ZYQ
W4BRZ	ex	W1MGQ, (39-58)
W4VSH	ex	W0JED, 9GGN back to 31.
KF4EO	ex	W4MNZ
KC4VX	ex	KA4AZG
KE4NT	ex	WB4JNP
AF3E	ex	W3KHB
KD4YA	ex	KA4RBC
WA4VUZ	ex	CO2MJ
NR4P	ex	WA2RAZ
KN2D	ex	WA2MSF
WC5H	ex	WA1NDJ
KA4AMC	ex	KN2LRQ
NX4G	ex	WA4TUB
WD8PGL	ex	WA4NHY, W1IDJ

NEW REPEATER MAP OFF PRESS

The third edition of the Florida Repeater Map is off the press. A beautiful job by Editor, Bill Tucker, W4FXE. This Map is up to the minute listing all our Florida open repeaters. Each city has it's own box with frequencies listed therein. There is another list by frequency along the side. Map is printed on 11 by 17 inches, black on light yellow 20 pound bond paper. Easy to read while mobiling, etc. We are keeping price down to only 25 cents each with your No. 10 (business size) envelope self addressed and stamped. Send to: Map, Florida Skip, Box 501, Miami Springs, FL 33166. You'll like it, we are sure.

2 / FLORIDA SKIP, October 1982



TO THE EDITOR

Dear Andy:

Been transferred again with MITEL, this time to the (almost) great white north: Ogdensburg, New York, on the banks of the St. Lawrence River. They say there are only two seasons here: the Fourth of July and winter. I'll believe it: it was 48°F this morning of July 2nd! Quite a change for a Florida boy! 92° yesterday, though.

Please change my address as follows.

OLD: P. O. Box 17627
Washington, DC 20041

NEW: P. O. Box 352
Ogdensburg, NY 13669-0352.

I hope to have antennas up by winter so I can get back in touch. 'Til then, please say hello to everybody, and my regards to your family: I hope you are all well.

73,
Ted A. Champagne, N4TW

Dear Andy:

Just a word to let you know that the QE-2 left us stranded and I had to rent a canoe to return to Florida. My wife paddled all the way back and complained that the meals were not as good as she had on the Eastbound trip on the QE-2!

We had a wonderful visit with our son, Dr. Brian Tracy, and his family. His QTH is atop a mountain and surrounded by higher mountain peaks and he aims his quad between two Western peaks for his Florida skeds. He maintains my old copies of Florida Skip so that the gang in Neckargemünd-Waldhilsbach, Heidelberg and Mannheim may keep up with the latest news from Florida!

After graduating from Tufts University, The Sorbonne (Paris) and Graduate School at Johns Hopkins University he secured a Ph.D. in International Relations and found no job openings in the USA. Through family friends he got a job as lecturer at the University of Goettingen, Bundesrepublik Deutschland. A University and Post Graduate School is free to all who meet the educational requirements there.

While visiting with Brian, I was permitted to operate from his QTH — W4BC/DL. Band condx. were poor for two months and I never got a QSO with a Florida station. Each time that I called to make a Florida schedule I was CLOBBED by at least ten USSR stations calling me! Brian's call is DJ0YR.

About a year ago Brian accepted a new job:

Director General
Deutsch Amerikanischen Institut
America House Heidelberg.

The operation is best described as a low level diplomatic service and Brian is busy day and night. But he does find some time to hide at home for a few hours and keep schedule with me to get the latest news from the Florida Plantation.

Hope that you and your family are well and happy and that you will accept my Florida Skip application and enclosed check!

73,
John B. Tracy, Jr., W4BC
Satellite Beach, FL

Dear Andy:

Enclosing check for your statement of April 21, 1982 as forwarded by Bill Willmot, K4TF. Pleased to be listed in your good publication.

I would like to mention that our acronym is "SOWP" and not "SWOOP" which seems to have gotten into the act somewhere along the line. Perhaps you will kindly change if you find it in copy including our listing.

I want to congratulate you on the neat little calendar you put out this year. I have been so busy I did not get my usual calendar out. I do have a 12-month on 1 page calendar which I will put out in the next Skipper's Log — 4 months late! At least that shows how busy we are here. Some illness with secretarial help, etc. Never a dull moment as you well know.

Andy it looks like the "Skip" is doing real good for itself with your hand at the helm. I hope that the venture continues to thrive in a big way for years to come.

Best wishes and regards. Hope to get out our "TITANIC EDITION" this coming week. It's the 70th anniversary of the sinking of the liner this month, as you probably have observed many times.

73,
William A. Breniman, Exec. Sec.
Society of Wireless Pioneers (SOWP)

Dear Mr. Editor:

The Fort Myers Amateur Radio Club will be conducting a "Gladespedition" to Glades County, Florida. Operations will begin on November 13, 1982. W4LX will be operating in the General Bands, both CW and SSB. Some Novice contacts will also be made. If you need Glades Co., be sure to look for us. QSL to: KA8CXQ, David Fox, P. O. Box 051131, Tice, FL 33906. SASE please.

Please post this information in your publication. Thank you.

73,
David Fox, KA8CXQ/4
Ft. Myers, FL

SILENT KEYS

We are deeply sorry to report the passing of the following Radio Amateurs.

K4HJV	John Lowe	Lake Wales
W4COV	Leon Buchwald	Tampa
K4HCI	Lou Hobbs	Homestead
WA4CLG	Floyd G. Fellows	Belleair Bluffs
W4LFY	Don Crawford	Lakeland
KA4CGY	Michael J. Callahan	Winter Park
W4MMS	George E. Dodge, Sr.	Bonita Springs
W4PVP	Gordon Rex	Ft. Lauderdale
K4DXR	Bob Crumley ex-Miami	Lake Helen

THE VHFers ROOST
Conducted by Peter S. Heins, K1FJM/4,
19570 S.W. 264 St., Homestead, FL 33031

Thanks to WB4OSN for his guest writing appearance while I visited HB9 and W7 as well as operating 2m SSB from NH and MA. After a ten year absence from mountain tops, I worked five states from 3000 foot Mt. Cardigan, central NH, with an IC-202 and whip and also heard a VE2. If we had a 3000 foot mountain in Miami, I'd have only worked as far as Orlando. See, the grid block system stands to help the VHF accounting system, particularly us in FL! Incidentally, I owe W1VD (CT) 2m QSL cards for SSB QSOs from NH, MA, as well as FL on meteors. Speaking of meteor scatter, W5HUQ reports good success during the Persieds Meteor shower with upwards of 20 QSOs. W4VTJ heard a number of states and heard W1AIM (VT) calling me. (I heard nil from Chip though.) At last weekend's annual Mt. Tom, MA picnic of the New England VHF Association, several 2 meter operators stated that WB2OTK, W5HUQ, and K1FJM were consistently heard in New England during the shower. While the shower was supposed to peak on the morning of the 12th of August, most "meteor jockeys" felt that Aug. 13th provided better results than the 12th, and that the shower was poorer than usual. K1FJM worked three new states, but had no luck with most 1400 mile schedules.

I normally try to publish Florida news before it can appear in "QST", but my vacation upset that timetable a bit this time. KL7JGI in Panama City made a 2m aurora QSO with WA0SJR (MO) at 0213Z on 14 July. This mode of propagation is rarely observed as far South as FL, but does occur once in a blue moon, so to speak. For those of you concerned with trivia, auroral propagation has been observed as far south as latitude 3 deg. North.

If anyone in the Miami area needs daily moon AZ/EL info, with sky noise tabulation, I have a copy courtesy of K1MNS.

For satellite buffs, the AMSAT annual meeting will be held on 10 Oct. at 1400EDT. A technical forum will be held on 9 Oct. Meetings will be held at Goddard Space Flight Center just North of Washington, DC.

The Institute of Electrical and Electronic Engineers (IEEE) GLOBCOM '82 conference will be held at the Sheraton Bal Harbour from 29 Nov. through 2 Dec. 1982. On 2 Dec., two amateur sessions are scheduled, both of which deal with VHF: (1) Repeaters with voice synthesizers, and (2) An amateur satellite panel discussion. Moderators on the panel include W2RID, K1TD, W4DWN, K1FJM, and W4IYT. Tickets to the amateur session are free; see the ad in this issue of "SKIP".

The Mt. Airy (PA) VHF Society (Pack Rats) will hold their annual conference and giant flea market on 2-3 Oct. Call me for details if you plan to attend.

As mentioned a couple of months ago, the SEVHF Society 70cm Net meets on 432.090 on Wednesday evenings at 2100 EDT/EST. "The Net serves a variety of purposes: (1) concentration of activity; (2) reliable weekly signals to help cause improvements in equipment; (3) SKEDS setup and frequencies spotted; (4) a meeting place for experimentally oriented people with similar interests, all in the interest of VHF/UHF/SHF experimentation and progress." NCS stations are K4CAW (Greensboro, NC) (919) 292-3105 and WA4ZIA (NC) (704) 858-5039 with occasional help from W5HUQ and W4ODW. Calls toward FL appear to be 2115-2130 local. Please try to check in or use the time slot to try to QSO other 432 Mhz operators. Of 142 different stations which have checked into the net, over 20 have been from FL. Many 10 watt stations have successfully made the grade to check in. W4EMB or K4DZP appear to have been the most distant stations to have checked in. Twelve states have been represented from CT to OH to AL to FL.

Look for South America on 6m TE and start to listen on 28.885 Mhz (6 meter liaison frequency) for possible F2 and cross band info.

If you have any info for the column, please write me a note, but if you are lazy like me, call my tape machine at (305) 248-3216.

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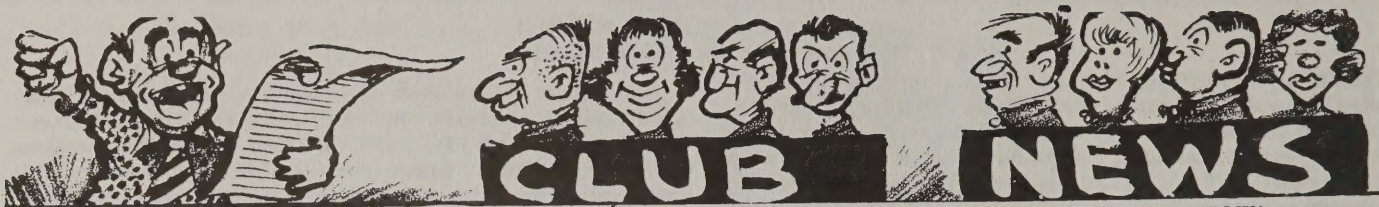
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OCTOBER 16-17, 1982



TAMPA AMATEUR RADIO CLUB, INC.

By Cy Connolly, W4DVO

Well, vacation is over, and fall Club Meeting schedule begins September 20th. Pres. Delbert WD4HHH, has some fine programs planned. Don't forget Hamfest, Sheraton Sand Key, Clearwater, Oct. 16/17, and see ad, September FLORIDA SKIP, for details. Program is best ever!

Club board meeting, held Aug. 30th, approved new member. Welcome to Delbert Kelly, K4EEU. He is A/S Chief Engr. local T.V. and radio stns. Oh, yes, Dabney, W4BDY, was host at Bd. Mtg. Pres. Del, WD4HHH, put up new beam and received TVI complaint before got on Air! Gordon, WB4RHY, and Elsie, attended reunion of WW II, C.B.'s (Sea-Bees). They swapped So. Pacific service yarns!

Ray Murphy, W4BNE, posted at club, 3 electronic courses he is teaching at, Erwin Vocational Center: 2 FCC commercial license courses and one covering Electronic communications and measurements. Ray is an expert! Here is your chance!

Gene, N4GUJ, is realtor and appraiser and nice guy to know! EZ, NJ4O, is still honcho, Midday Traffic Net. K4GT, was under wx. but much improved. W4QH, "Butch", 86 yrs. young, and still plays 18 holes golf, 3 times weekly! John W3SAI, flew to Phila. to celebrate B.D. with family. He is 69, and holding. See you, 1st. and 3rd. Monday Meetings. Take care. 73.

THE TRI-COUNTY AMATEUR RADIO CLUB

By Alice Bowers, KC4SR

We had, in the opinion of many of our members, the most interesting program thus far at our August meeting (Aug. 17 at 7 p.m. at the Palatka Mall). A most excellent program was presented by the Daytona Weather Bureau and the Skywarn program established by Daytona Hams. We saw slides of the weather bureau outside with its many antennas, and inside with all the weather instruments including radar and computers. Special explanation of the indication of weather conditions by greens, blues and reds on radar were of special interest. We also saw views of the Ham Shack built in an adjoining room of the weather bureau.

The chief meteorologist, Mr. Dow E. Boyken, talked to us and inspired us to want to become part of the Skywarn System. We will be weather watchers and inform the bureau of dangerous conditions: high winds, tornado clouds, etc.

Two Hams accompanied the meteorologist: WD4OSS, Phil, director of the Skywarn System, and KB4T, Phil's assistant called "Turkey." At the end of the program we saw a movie of several actual tornadoes which have taken place during recent years.

ST. PETERSBURG AMATEUR RADIO CLUB

By Cathy Soehl, W4BAV/ARNS

K4FQ-Jim and Mary Kay Miholich were married in Tampa July 31st. K4HXL-Bill, K4VXG-Sylvia and WA4WKO-Hank were among those attending the wedding and wishing them happiness. Congrats, Jim.

W4MAK-Henry is in New York, visiting his Daughter and will also get a check-up by his former doctor of 20 years. Good Luck!

WA4TJG-Betty and K4ISS-George are having more troubles. Their range is acting up": oven won't self-clean, light stays on all the time and worst of all, Betty cannot cook on it. Betty getting all kinds of suggestions about cooking in coffee pot, fry pan, etc.

WB4FVN-Nellie had her car in for repairs, they claimed had a road test BUT now, when she has the air-conditioner on, turns a corner, has no power steering. What mechanics!

W1ION-Frank has his troubles, said "just over the hill" (65th birthday); trying to get used to Fla. weather, when air-conditioner quit; had granddaughter married July 17th.

W4ACG-John and Katherine went to Cape Cod and enjoyed a

family reunion, with 500 attending from all over. WOW!

WA4IIT-Ernie and YF-Jean are grandparents — 9 lb. girl named Charlotte Ann. Congrats to Grandma and Grandpa; sound good?

WD4COL-John and N4APZ-Debbie had open house for the new addition and K5IHH-Bob attended and wound up cooking 15 or 16 lbs. of hamburger for the crowd.

KA8COZ-Dorothy thought she had rig trouble but, after being unable to check into the Net, K4ISS-George and WA4TJG-Betty paid her a visit and found the wind had twisted her antenna.

INDIAN RIVER AMATEUR RADIO CLUB NEWS

By Jim Kneeland, W4MFH

There were over 70 people at the August Meeting who heard an interesting talk on the design and engineering of video cassettes by Mr. Larry Hill of the Harris Corporation in Melbourne, Florida.

Mr. Hill who was formerly a video engineer of TV station WNEQ-TV up north took us through the "early days" of the 2" wide tape to the present cassette.

He brought back old memories to yours truly when he mentioned the first years of video tape editing (the 1950s) when a video engineer would use a supply of finely ground iron filings, a microscope and a sharp razor blade to perform the "edit" at precisely the correct place at the sync pulse on the tape, and then butt the tape together with glue. It would take nearly a full day to perform the necessary edits on a half hour TV program, and quite often, when it was aired, there would be screams from transmission and the TV transmitter engineers that our lousy sync edits were knocking the transmitters off the air; I know, I worked at the transmitter end too. Yes, those were the Model T days of TV.

Visitors were N5DOJ Ralph Peterson, W1TLZ Norm Wilford and W4YMN Ernie Blair.

Members recently inducted are: Mary Ward WD4NPK and Dave Ward WD4OFE.

Joe Rubino, WA4MND told about meetings with Police Chief Wicker regards forming a group of amateurs to assist the Cocoa Beach Police communications in time of emergency. Joe requested volunteers, and got a minimal response, at least at the meeting.

The following have recently upgraded — Annette Smith KA4YUR, David Smith KA4MYC, Dave Nelson KA4YFO and George Hawkins KA4LCG. Bill Willmot K4TF again has a group of novices meeting at his home who are also preparing to upgrade. Congratulations to all of the above students, and also to Bill for his tireless efforts to instill knowledge to these newcomers in the art of amateur radio.

FELLOWSHIP AMATEUR RADIO CLUB

By Zelma Shaw, WA4MKE

The Fellowship Amateur Radio Club will meet on September 21 and have as guest speaker Harvey Crane, WD4IYS. He will speak on 6 meters, DX-ing on 6, equipment and question and answer session.

CLUB QSY P 14

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QCWA STATE NEWS

Edited by Eli Nannis

It is now official. The proposal to amend Article III, Section 3 of the QCWA Constitution to increase the number of directors from 5 to 10 was approved by a vote of 1,196 for and 124 against. The five newly authorized directors will be elected next summer in the regular election. The Presidents nominating committee is now looking for candidates for all offices. More details in the winter QCWA news. Please try to get your chapter news next month to me as soon as possible as I will be away for a while and will be back early in October. The Suncoast convention in Clearwater on Oct. 16, 17 is looking bigger and better than ever. The QCWA luncheon will be held on Oct. 16th and please order your tickets now from Bill Turner W2WV, 1469 Maple St., Clearwater, FL 33515. Make checks payable to FGARC \$6.00. Stuart Meyer, W2GHH, President of QCWA was guest speaker at the Southeast chapter meeting this month.

HALIFAX CHAPTER: The annual meeting for 1982 was held on July 31st with Chairman Ken Bucklin, K4LP presiding. The nominating committee presented a slate of officers for 1982-83, and the slate was declared elected by acclamation: the officers elected were Chairman Frank Matrangola WA4MYG, Vice Chairman Ernie Curry W1KZS, and Sec./Treas. Pete Eastman W2GDP. A letter of congratulations from National QCWA headquarters was read as a result of the chapter having accepted its 50th member. We are now eligible for the QCWA banner. Members were sent rosters of our membership. A commendation was received from headquarters to N4CBU of the preparation, completeness and potential usefulness of the roster to the members. A number of items were discussed at the meeting. The speaker of the meeting was John Beams, Manager of the Florida TV cable company. He discussed the future plans of cable in non-entertainment areas, probable linkages between the telephone system and cable companies through interface devices that will automate many in-home functions and place them under computer control. Cable leakage problems were also discussed.

—Reported by Pete Eastman, W2GDP.

GATOR CHAPTER: At our July 3rd meeting, we had 27 members and guests. We are in the summer doldrums but the attendance will start picking up in a few months. Wedding anniversaries for July were Russ Chapell K4HI, 51 years, Paul Turner W1DLP and Eli Nannis K4JMH, 44 years and Tom Matthews, 18 years. Half and half was won by KC4JD. A picnic for the chapter was held on August 7th at Taylor Park in Largo. It was a very pleasant day. Everyone had a good time swimming, playing volleyball and potato bag races. A meeting was held with the three Tampa Bay chapters, Gator, Pelican and Gulf Coast, to make plans for the QCWA activities at the Suncoast Convention to be held in Clearwater on Oct. 16th and 17th. QCWA will have a booth, a hospitality room and a luncheon. Our chapter had a Board of Directors meeting following the previous meeting. Our first official meeting will be held October 2nd and at that time a nominating committee will be selected to pick candidates for officers and Directors for 1983/84.

—Reported by Eli Nannis, K4JMH.

PELICAN CHAPTER: Our Officers and Directors spent a busy summer finding a new meeting place but now we have found the ideal spot, the Sea Ketch Restaurant, 8800 Bay Pines Blvd., St. Petersburg. We will meet on the third Wednesday of the month at noon. Guests and visitors are most welcome. Plans are being made to participate in the QCWA activities at the Suncoast Convention in Clearwater on Oct. 16, 17, 1982.

—Reported by Harry Blöechle, K4WP.

CITRUS CHAPTER: Our chapter is the proud owner and operator of a 2 meter repeater. To the best of our knowledge, it is the first repeater in the national QCWA. Largely due to the efforts of two past presidents: G3DKS, Keith Street of Deltona, and W4WLX, Chalmers Strombert of Orlando, it became a reality in 1979. We sold \$10 repeater bonds to our members to finance it. Believe it or not, not a single bond was requested to be redeemed in cash; they were all presented to the repeater fund or turned into future dues. At least 90% of them were presented to the fund. Raffles and auctions were held at the end of each meeting to further

QCWA QSY P. 8.



ARRL SOUTH FLORIDA SECTION SUNCOAST CONVENTION

SHERATON SANDKEY HOTEL,
CLEARWATER, FLORIDA

Saturday luncheon on October 16, 1982 sponsored by QCWA chapters Gator - Pelican - Gulf Coast. Open to all. Prominent speakers, prizes, good fellowship and eyeball QSO's.

Luncheon tickets are \$6.00. Please reserve early from Bill Turner W2WV, 1469 Maple St., Clearwater, FL 33515. Phone 813-443-4737. Make checks payable to FGARC. All early ticket holders will be seated first.



TRAFFIC HOUNDS

By K4SCL

NET	QNI	AVG.	QTC	AVG.	SESSIONS	MANAGER
QFN	1055	17.1	585	9.4	62	WD4AWN
FMTN	987	31.9	513	16.5	31	N4UF Asst.
GN	368	11.9	322	10.4	31	N4ET Actg.
TPTN	677	21.8	267	8.6	31	KA4MGR
FPTN	903	29.1	233	7.5	31	WB4WYG
FAST	636	10.3	221	3.6	62	WD4HHH
SEFTN	557	18.0	181	5.8	31	W4NFK
IATN	419	13.5	165	5.3	31	W4PPC
QFNS	239	7.7	121	3.9	31	WA4QXT
SWFTN	692	26.6	111	4.3	26	KC4OT
SVTN	532	17.2	103	3.3	31	KB4LB
SPARC	939	30.2	89	2.8	31	K5IHH
PEN	237	7.9	71	2.4	30	W4GPL
FPON	414	13.4	56	1.8	31	WB4GCK
FMSN	266	8.6	45	1.5	31	NY4E
VEN	374	1.2	42	1.3	31	W4LDY
PBTN	600	27.3	20	0.9	22	N4DVF
SBEN	96	24.0	17	4.3	4	KD4SF
AIN	51	17.0	11	3.7	3	W4LVA
EOEN	5565	-	9	-	-	W4LUW
DEN	67	16.8	8	2.0	4	WB4HZK
PRVAN	52	10.4	7	1.4	5	KE4DA
Lee ARES	114	22.8	5	1.0	5	WB2OUK
MCEN	52	6.5	1	0.1	8	K4ZK
AFEN	25	8.3	0	0.0	3	WB4TZR
SARA/ ARES	86	21.5	0	0.0	4	W8FKL

NORTHERN FLORIDA PHONE NET

By Jerry McCabe, KA4MGQ

On September 1, WN4IIV, Bob Straughn resigned as net manager of the NFPN due to a change in his work schedule. Bob will continue his NCS duties, filling in as an alternate when possible. The new NM is myself, KA4MGQ, I will appoint a new assistant NM soon.

Congratulations to KA4YMX, Scott who upgraded on August 6 from novice to general class. Scott is the son of N4BZH, and has been checking in regularly since his upgrade. Another net member KA4MGR, Karm, upgraded from general to advanced class on the same day.

Outstanding QNI this month were WB4ADL, W4AHI, K4BLM, N4BZH, N4EDH, N4EWB, N4EWF, KA4MGQ, KA4MGR, WB4MPJ, N4PL, KB4VI, WB4WOO, KC4XB, KA4YMX, KC4ZF and WA4ZPR. New stations heard this month were W0FOA, W4IKB, K4IZT and W4PAB.

The Northern Florida Phone Net meets daily at 2330Z on 3950 kHz.

TOP TWENTY TRAFFICERS

By K4SCL & N4UF

1. W3CUL	3027	11. K4IA	200
2. N4EDQ	2749	12. K4ZK	194
3. W3VR	562	13. WA4EIC	190
4. WD4HIF	555	14. WD4AWN	185
5. N4PL	434	15. WA4EYU	185
6. WA4PFK	414	16. W4NFK	164
7. K4TH	396	17. W4GPL	149
8. WA4QXT	315	18. KY4U	129
9. K4SCL	293	19. KB4LB	119
10. K4EUK	229	20. KA4ASZ	108

GATOR NET

By N4ET

Daily 0830 EDT

Now that 40 meters appears to be settled down, the net has moved back to the primary frequency 7090 KHZ with QSY to 3651 KHZ when necessary.

NCS ranks were thin during August because of vacations but we did manage to operate all 31 days, sometimes on two bands and with 2 NCS stations.

There were 368 check-ins (Avg. 11.9), 322 pieces of traffic (Avg. 10.4) and we operated 718 minutes (Avg. 23.2). Mae W3CUL was high QNI for August with a perfect 31 followed by George K4TH with 29, Charlie WA4EYU with 27 and Harris WA4JDH along with Cy W4DVO with 26. We suspect that bad band conditions may be the cause of not having more 100% QNI.

We are glad to welcome the new members who joined us during the last two months. KB9LT, Cotton and W4KLY, Joe. And we welcome back old timer N4FL, Floyd.

Check-ins for August other than those mentioned above were: WD4AWN 6, N4ET 24, W5FEB 12, WD4HIF 25, W3IDO 24, WD4IIO 7, W4IYT 18, W4NFK 3, K4JI 6, WB4SNX 9, KF4U 13, W4WNY 3, WA4WGR 6, W4KLY 23, KB9LT 18, K4SJH 4, K4ZN 5, KA4MGQ 2, N1BIR 3, WA4PFK 4, WD4COL 1, W3TLV 1, N4FL 6, W4DJ and AA4WJ 1.

NCS stations were: WD4AWN 3, W4DVO 4, N4ET 6, WD4HIF 3, W4IYT 5, WA4JDH 1, W4NFK 3, K4JI 1, KF4U 7.

See you all next month when your regular net manager KF4U will be back.

FLORIDA PHONE TRAFFIC NET

3940 KHZ

By Don Fontaine, N4ET

Daily 0700 EDT

Summer vacations are coming to an end for most members and with the summer static easing a bit maybe we can get back to normal operation.

Several new stations have joined the next in the past month. WD4IUI, Jim up in Pensacola joined us a few months ago but was in the hospital for awhile. Welcome back, Jim. And suddenly we are blessed with excellent coverage in Key West of all places! KA4OAA, Frank - KA4TTS, Jack - N1BIR, Wes have all become regular members. Welcome, fellas — and now where is all that Key West traffic?

August had its share of sorrow also. Charlie, W4SIZ became a Silent Key on the 11th. Charlie was a member of all the Florida traffic nets and will be greatly missed by us all.

George, WB4ADL suffered a tragedy when he lost his wife in an automobile accident August 20th. Our deepest sympathy, George.

The sick list had its share in August too. K4BLM, Stan and K4SJA, Charlie both in the hospital for tests at the time of this writing. Last reports all OK.

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Bill, WB4WYG, our net manager, had just returned from a vacation in California and had to make a rush trip back there when his daughter was admitted in the hospital. No report from Bill yet.

We want to thank those who took up the slack when the NCS ranks were so thin. Special thanks to Fred, WB4MPJ for his many efforts and to Dan, WB4TZR who jumped right in on his return from his Chicago vacation.

Let's hope that September is an upswing month.

Check-ins for August included:

100% — W4BKC, W4BCZ, W4DDW, WA4EYU, W4AID.

95% — K4BLM, WA4EIC, N4ET, W4FOE, WA4JDH, WB4MPJ, K4SJA.

90% — WD4AWN.

85% — W4GUJ, KA4TTS, WB4TZR.

80% — WB4ADL, KA4OAA.

QFN — THE ALL FLORIDA CW TRAFFIC NET

By Janet F. Jones, WD4AWN

Another month is over and our totals have increased nicely over July's figures. Total QNIs: 1055 QTC: 585 and QND 1306. High QNIs for August were: W4DL 62, W4KIX 57, WA4EIC 55, W4KLY 55, WA4PFK 53 and K4TH 52.

Sure is great to have Danny, W4DL checking in faithfully from Miami. This was one of our most lacking areas — keep up the good work, Danny!

This will be Woody's (K4SCL) last month serving the South Florida section as SCM. I know you will all agree he has done a super job over the last few years. We welcome Dick Hill WA4PFK as new SCM and know he will do a super job. Also, Bill Jochimsen, K4ZK will be our new STM. I've worked with him over the last four or so years and in my book, Bill is one of the top traffic handlers in the country!

Welcome to old timer, Des, N4DY of Pensacola, and newcomer Lynn, KE4DA of Wauchula (P.S. Lynn is an OM, so watch those 88's!!). Lynn is an old hand at traffic on SSB and fills the void in the central Florida area. Never met Des, N4DY but I'm told he is a

traffic handler from way back. Aside from his experience he is giving us much needed representation in the Pensacola area. We need reps from Palm Beach, Lakeland, Lake Placid-Sebring, and even Madison. Received a message addressed "to whom it may concern" in Madison looking for 2-way capabilities. . .! However, we welcome any and all newcomers to QFN, especially as we near the heavy traffic season. Once you've weathered one Christmas season, you will be a pro at traffic handling!

Sorry I can't make the Melbourne Hamfest, but will see all of you at Clearwater in October. So 88's from here and remember — make QFN a part of your day the A-1 way!

TROPICAL PHONE TRAFFIC NET

By Karm McCabe, KA4MGR

The band seemed a little better this month, except for the SUPER hetrodyne on 7272 kHz. Most of this month, we met on 7273 kHz and some suggested a permanent move.

NZ40, Chuck has returned once again to Knoxville's World's Fair.

WB4PIB, Walt has been in the hospital. Get well soon Walt.

TPTN welcomed three new members this month: K4AAC, Harold of Key Largo, WB4HBP, Earl of Sanford, and NW4R, Jim of Lakeland. All of whom check-in regularly.

Net Reps in August: D4RN — WA4QXT 8, KY4U 7, WA4TWD 5, W4NFK 4, KC4FL 3. QFN — WA4PFK 7, KA4MGR 5, AA4FG 3, N4ET & WA4QXT 2, WB4CDQ 1. FAST — WA4QXT 7, K4UEK 5, KA4MGR 2, KD4QZ 1. NFPN — WB4ADL 20, WD4HIF 2, KA4MGR 2, N4AXN & N4BZH 1.

Net Controls in August: AA4FG - 5, N4AXN - 4, WB4CDQ - 4, W4IRA - 4, KA4MGR 4, WD4AWN - 4, WA4TWD - 4, KY4U - 1, N4ET - 1.

Members with high check-ins in August: W4BCZ 30, KA4GUS 29, WA4TWD 28, W4IRA, WB4ISZ & WD4MLQ 27, AA4FG, WB4CDQ, K4EUK & W4GUJ 24, WB4HVE & KD4QZ 23, K4AAC & KA4KWW 22, WB4ADL, KA4MGR & WA4PFK 21.

Hope to see you all at the Melbourne HAMFEST!

TPTN Meets daily on 7273 kHz at 2100 Z. Everyone Welcome!

CLUB QSY P. 17.



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FLORIDA MIDDAY TRAFFIC NET

By Billy Williams, N4UF

Asst. Manager

Nice to hear W4GUJ back on FMTN along with Joe, WA4FGH. KA4AMC has problems with his phone rig but hopes to be back by the time you read this. FMTN celebrates its 25th anniversary this month. It was formed in 1957 to fill a void for those traffic handlers who found it convenient to operate at lunchtime. Since FMTN preceded the Daytime National Traffic System, it was not formed for the purpose of supplementing that system, however some 18 years later when NTS expanded to days, FMTN became affiliated with it. Daytime NTS is now permanent and handles a large volume of traffic, much of it from Florida. Congratulations to FMTN member Jerry McCabe, KA4MGQ, who is now Net Manager of the Northern Florida Phone Net.

I am very pleased with the depth of our Net Control staff this year. Usually when Al goes on vacation, we have to scramble to find NCS to cover each session. And some (like KE4OI) at times had to pull NCS 3 or 4 times per week. This time though we are in great shape. Our NCS staff now includes WA4STZ (FJC Club Station) Mondays; WA4GYJ (Bob) Tuesdays; KA4MGR (Karm) Wednesdays; WB4CBP (Ted) Thursdays; NJ40 (E.Z.) Fridays; WD4MSU (John) Saturdays; WD4RIQ (Giff) Sundays. In addition, we have Jerry, KA4MGQ and Roy, N4ADI as back-ups. Lee, W4ESH will assume Tuesday NCS for a while as GYJ changes QTH.

All FMTN members are urged to report their monthly traffic activity, no matter how large or small, to your Section Communications Manager. Dick Hill, WA4PFK assumes this post in Southern Florida on Oct. 1st and should get your reports. I will be glad to take reports from those in Northern Florida. The reports can be sent by mail on a pre-printed postcard which is available from your SCM by request or better yet, on FMTN via radiogram.

Net Manager - Al Suhr, WB4AID will return for the next column after a European vacation. All hams are invited to check into FMTN at high noon on 7,247 kHz daily.

WANTED: CW TRAFFIC handlers from all parts of Fla needed! Miami, Pensacola, Jax, Tampa, West Palm Bch and Orlando especially! **UNCLE ARF** wants you! See your friendly net manager for details about QRN, QFNS and GN. See Net List on Net page this issue....KB4T.

QCWA FM. P. 5

finance the fund. It is a VHF Engineering repeater 18 watts out on 147.825/.225 call WR4AEL with a good working range of about 40 miles and a 20 miles range for mobiles or hand-held rubber duckys. We have had some outages but in general it has given good service and enjoyed by all. We have two Citrus nets per week on it managed by W6GHX and W2IOE. Be sure to give us a call when you are in range as we usually have a member of Citrus monitoring.

—Reported by Bill Waldo, W4PI.

SUWANNEE CHAPTER: Our August meeting was well attended even though many of our members are still being in the cooler climes. Vice President Earl, NF40 ran the meeting. Thirty-three persons and two visitors were at the meeting. It was sad to note that Charlie W4SIZ, Carl W4PEI and David W4JRB are silent keys. Carl K4WJ's XYL Daisy, W4QAV, had surgery but recovering nicely. We welcomed back Sylvia, K4IHW from the hospital. Dick W4EWS sends greeting from Blowing Rock, N.C. and he is on 40 meter SSB. W4UKA has all the information on the ham gear of the silent keys and had some of it on display at the meeting. Hal K4JTJ brought some shop equipment and a parts caddy and donated it to the club to auction off to help our treasury. The program was a fine film and live demonstration of lasers and light guides by Lloyd Fowler. It was followed with Q & A period. The next meeting will be on Oct. 30th at Holiday Inn, Silver Springs and will mark the 10th anniversary of our chapter. Come and help us celebrate.

—Reported by Rowland Medler, W4ANN.

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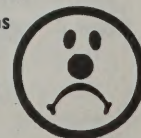
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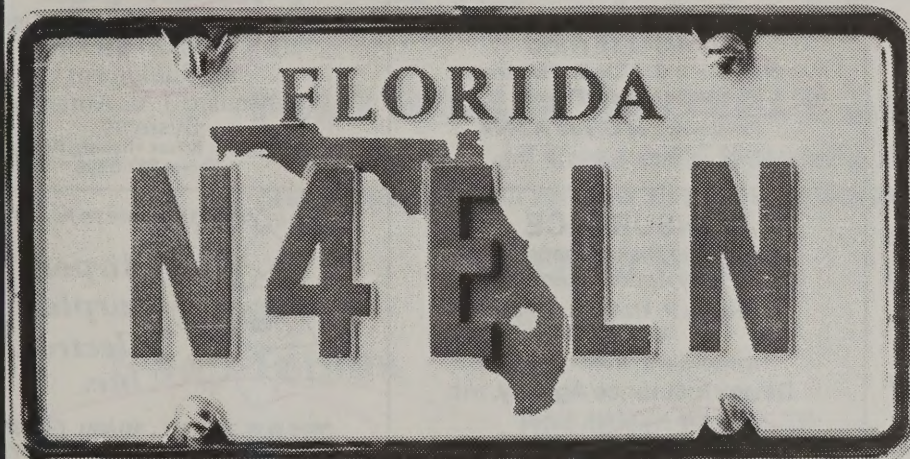


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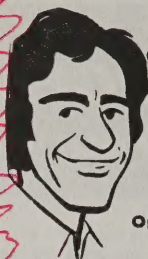
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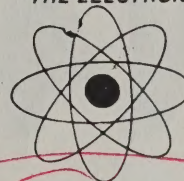
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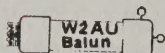
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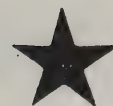
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DADE RADIO CLUB, Inc. W4NVU. Meets 1st & 3rd Tues., Museum of Science, 8PM, 3280 S. Miami Ave., Miami. Mail: P.O.Box 350045, Riverside Station, Miami, FL 33135.

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EVERGLADES AMATEUR RADIO CLUB. W4SVI/R 146.235/835. We meet 2nd Fri. ea. month 8PM, Dade Co. Agricultural Bldg. 18710 SW 288 St., Biscayne Dr. at Redland Rd. Homestead 33030.

FELLOWSHIP AMATEUR RADIO CLUB: Meets 3rd Tuesday at Southeastern Medical Clinic, 1750 NE 167 St., N. Miami Beach, 730 PM N4AXQ/R 147.81/147.21. Mail: Box 680284, Miami 33168

FLORIDA GULF COAST AMATEUR RADIO COUNCIL, Inc. P.O. Box 157, Clearwater, FL 33517.

FLORIDORA YL'S. W4FE. Pres. Blanche Randles W4GXZ, CR-SH Bx 74, Stoddard NH 03464 (5-10) 6002 N. Fremont, Tampa, 33604 (11-4). All YLs & XYLs invited. See Box ad for details.

FORT MYERS AMATEUR RADIO CLUB. Meets 1st Wed. ea. mo. 730PM, 1st Fed. & Savings, 121 Pomdella Rd. SR78A, No. Ft. Myers. Mail: Cash Luzny W4MPV, 4286 St. Clair Ave. Ft. My33903

GAINESVILLE AMATEUR RADIO SOCIETY, Inc. K4DPZ/R. .22/82 KB4HF/R 147.375/975. Meets 1st Tues. Ea. mo. 730PM. CWA Hall, 1949 NE 27 Ave., Weekly net Sun. 830PM on DPZ/Rptr.

GOLD COAST FM ASSN., Inc. Box 313, Boca Raton, FL 33432. Emcy net Thurs. 730PM WB4QFY/R 146.22/82. Traders net 8PM, WB4UFA/R 4th Mon. 730PM. Imperial Pt. Hosp. Med. Ctr. 6401 N. Fed. Hwy, Ft. Lauderdale. UHF Rpt WB4RZS/R 447.2 in 442.2 Our

GREATER TITUSVILLE AMATEUR RADIO CLUB. Meets 3rd Mon. 730PM ea. month at Titusville Chamber of Commerce Bldg. Mail: c/o W. R. Young, K4DQT, 3845 Catalina St., Titusville 32780 Rptr 146.31/146.91 for other details.

GULF COAST AMATEUR RADIO CLUB: Meets 730PM, 4th Mon. Colonial Hills Civic Assn. 87 Peacock Dr., New Port Richey. ARES net Mon. 7PM. Traders net 2&4 Fri. 7PM on KC4JL/R 146.07/67.

HILLSBOROUGH AMATEUR RADIO SOCIETY, Inc. WA4GJJ. Meets 4th Wed. 730PM Pan Am Bank Bldg., Sulfer Springs. Mail PO Box 24602, Tampa, FL 33623. Phone for info (813) 884-7035.

INDIAN RIVER AMATEUR RADIO CLUB. W4NLX. Meets 4th Tue. First National Bank, Merritt Isl. 730PM. Mail: Box 5, Cocoa 32922.

INTERNATIONAL COMMUNICATIONS FOR CHRIST. ICFC, helps Missionaries world-wide. Sunday net 21380 kHz 1900-2000 GMT. Ham bible tracts available. Info: ICFC, PO Box 2151, Winter Park, FL 32790 c/o Henry Fehrmann, N4EDQ.

KEY WEST AMATEUR RADIO CLUB. W4LLO/R 146.34/94. Meet 8PM, 2nd Tues. Sportsman Inn. N. Roosevelt Blvd. Mail: Box 2371, Key West, FL 33040. Phone 296-2723. Most souther radio club!!

LAKE AMATEUR RADIO ASSN., Inc. K4FC, meets 1st & 3rd Thurs. 8PM, Clubhouse, Springdale Ave., Bassville Park. Mail: Dot Newman KA4SKG, Rt. 2 Box 1038, Mt. Dora, FL 32757.

NORTH FLORIDA AMATEUR RADIO SOCIETY, W4IZ. Meet 2nd Thurs. 730PM Ed White Sr. Hi School RM 110, 1700 Old Middleburg Rd., Jax. Mail: B. Williams N4UF, 9110 Rio St. Johns Dr. Jacksonville, FL 32211.

OLD OLD TIMERS CLUB (OOTC) Florida Chapter. Net meets ea. Sunday 2PM on 7247kHz. Info from Herb Spitz, WA4UOE, 340 SW 64th Way, Pembroke Pines, FL 33023. Join our Sunday net!

PALM BEACH REPEATER ASSN., Inc. .28/88. Meets 1st Tues. each month 730PM, Palm Beach Civil Defense Bldg., 3723 Belvedere Rd., W.P.B. All Welcome. Membership available: PO Box 461, Lake Worth, FL 33460 or call J. Schoech WD4LHF 684-2116.

PLAYGROUND AMATEUR RADIO CLUB, W4ZBB. Meets 1st & 3rd Thurs. 730PM, Clubhouse on 1st St., Ft. Walton Bch. Mail: PO Box 873, Ft. Walton, Bch, FL 32548. WR4ABZ on 146.19/79.

POMPANO BEACH AMATEUR RADIO ASSN. Meets 2nd Thurs 7PM, St. Stephen Lutheran Church, 2500 NE 14th St., Mail: 421 NE 25 Ave., Pompano Beach, FL 33062. Welcome aboard all!!

QCWA CALOOSA CHAPTER. Luncheons last Wed. ea. month 1130 AM, Twisty's Restaurant, Cape Coral. Left at light at west end Cape Coral Bridge. Info. D. Bowman, W4OUU, 5317 Colonade Ct., Cape Coral, FL 33904 Phone 813-542-4656.

QCWA CENTRAL FLORIDA CHAPTER. Meets 2nd Sat. Noon. in Sept. thru May at Western Sirloin, 3105 Hwy 98 N., Lakeland. Net Sat. 10AM, 7243 kHz. Info. J. Spark W4LHP, Sec. 813-688-7204.

QCWA CITRUS CHAPTER. For meeting info contact Chmn. John Glauber, W4OB, 305-886-7885 or Sec. Bob Sutter, W3SOB, 305-678-3070. Net meets 930AM Sat. on 3955 kHz.

QCWA EVERGLADES CHAPTER. Meets 2nd Sat. Sept thru April. Sweden House, 5550 N. Fed. Hwy., Ft. Lauderdale. Info: See Skip News column or call Roy McCarty W9KA, 305 731-4145.

QCWA FLORAL CHAPTER. Meets noon, 2nd Sat. ea. month at Boulevard Rest., F.W.B. Pres. W5RHE Sec-Treas. WD4FSC, Bob Miller, 319 22 St., Niceville. Net each Mon. 730 PM Cen. 28/88 repeater, W5RHE is NCS.

QCWA GATEWAY CHAPTER meets 3rd Sat. ea. mo. Uncle John's Pancake House, Beach Blvd., Jax. Info from: Charles "Walt" Walters WA4HMO, 3658 Colebrooke Dr., Jacksonville, FL 32210 904 778-4000.

QCWA GATOR CHAPTER. Tampa Bay area. Meets 1st Sat. Noon at Chief Charlie's Restaurant, Gulf to Bay Blvd. on Rt. 60 Clearwater. Wkly net sat 930AM on 3920kHz. E. Nannis K4JMH, 14996 Imperial Pt. Dr. No., Largo, FL 33540. All welcome.

QCWA PELICAN CHAPTER meets 3rd Wed. Noon at Sea Ketch Restaurant in St. Petersburg. Net Sat. 10AM 3930 kHz. K4WP Sec. 5326 20 Ave. N. St. Petersburg, FL 33710. All welcome. Check into net for more details.

QCWA SOUTHEAST CHAPTER. Meets 3rd Sat. ea. Mo. at Noon. More info: W4KGJ 666-2058, W4KO 685-1963 or W4LGP 891-7692. We also welcome all OOTC and SOWP members anytime! I

QCWA SUNCOAST CHAPTER. From Tampa So. to Marco Isl. Meet at Davey's Locker, Rm of Windjammer Rest., 7100 S. Trail US 41, 1st Wed. ea. mo. Oct. Thru May. Info: A. Hudson W4PJF 756-5792.

QCWA SUWANNEE CHAPTER. Meets 4th Sat. of even number months. Holiday A/C from Silv. Spgs. Net Sat. 7236 9AM. Pres. W4JOP, VP, NF4O, Sec-Tres. R. Medler W4ANN, 1041 NE 20 Ave. Gainesville, FL 32601.

QCWA TREASURE COAST CHAPTER. Chmn. Karl Gansler W4PSG; Sec-Tres. Jerry Dewlt W3BL. Lunch, 2nd Thurs. Sheraton Regency, N. A1A, Vero Beach. Mail: Box 3088, Vero Beach 32960.

ST. PETERSBURG AMATEUR RADIO CLUB, Inc. W4GAC. Meets 8PM, 1st Fr., Red Cross Hq., 818-4th St., Mail: PO Box 4026, St. Petersburg, FL 33731. All amateurs welcome. Bring a friend.

SARASOTA AMATEUR RADIO ASSN., Inc. W4IE. Meets 3rd Tues. 8PM. Sarasota Co. Administration Ctr, US 301 & Ringling Blvd. 6th Floor lounge area. Mail: Box 3182, Sarasota, FL 33578. Join us !!!

SILVER SPRINGS RADIO CLUB of Ocala. Meets 3rd Tues ea. mo. at Forest High School, 1614 SE Ft. King St., Ocala, 730PM. Net other Tues. 730PM on 146.610 - 600. Mail: Rosemarie Brenner KA4RWB, 5422 S. Eli Rd., Belleview, FL 32620.

SOCIEDAD INTERNACIONAL DE RADIO AFICIONADOS, Inc. WB4ESB & WB4ESB/R 147.90/30. Mail Box 524071, Miami, FL 33152. Tfc net 14300 Sat & Sun. 9-11AM. Emgcy net 14205 KHz & 147.510. Info & drill net Tues 9PM thru repeater.

FLAMINGO NET. Meets Friday 730 PM, 29044 mHz. Monthly transmitter hunts. 30 years old. Informal net, all welcome. For nfo contact W4DWN, Sec./Tres., 305 895-0398.

SOCIETY OF WIRELESS PIONEERS. (SOWP) Edis on Chapter. Meet Sun. 2PM, 7053 kHz. Bill K4TF, CHOP. Info about SOWP: Bill Willmont K4TF, 1630 Venus St., Merritt Isl., FL 32952 or net.

SOUTH FLORIDA FM ASSN. WD4SFG/R 146.16/76 & WD4BVO/R 146.40/147.00. Mail: P. O. Box 430025, Miami, FL 33143. Meets: 2nd Mon., CD Hq., 5600 SW 87th Ave., Miami. All Welcome! I

TAMPA AMATEUR RADIO CLUB, Inc. W4DUG. Meets 1st & 3rd Mon. 730PM at Club House, Davis Isle, Columbia & Barbados. Mail: PO Box 10453, Tampa, FL 33679.

TAMPA BAY REPEATER ASSN. PO Box 24671, Tampa, 33623. Meets 2nd Tue. 730PM. Call in on 146.16/76 for meeting place. 146.16/76 Tampa; 146.39/97 Largo; 147.705/105 East Bay. Net meets ea. Thur. 730PM on 146.16/76. Join us.

WEST PALM BEACH AMATEUR RADIO CLUB, Inc. W4HAW, P. O. Box 6834, Southboro Station, W. Palm Bch, FL 33405. Meets 1st Wed. 730PM at 823 Newark St., W.P.B. Phone 967-1477.

ZEPHYRHILLS AREA AMATEUR RADIO CLUB. Meets 4th Thur. ea. mo. 730PM at Community Center at Lake on W 54. Mail: 1312 - 13th St., Zephyrhills, FL 33599. Come & bring a friend.

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A BAD DAY — WHEN —

By Bob Boggess, KA4PAC

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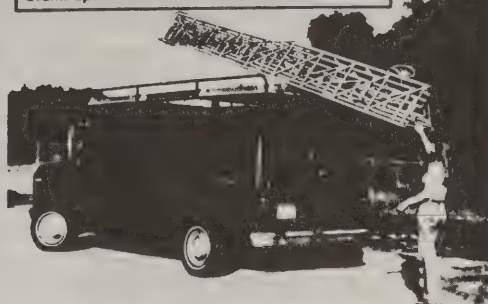
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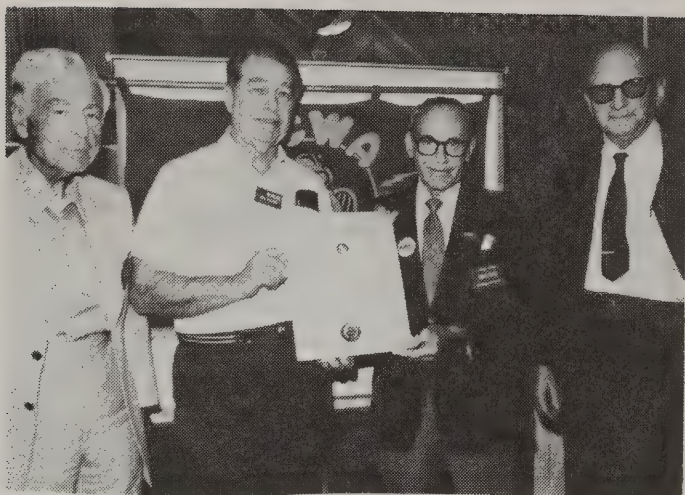
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FLORIDA SKIP, October 1982 / 13



At at recent South East QCWA Chapter dinner meeting in Coral Gables, Mr. Frank Reiner W4JVR (3rd from left) was presented his 50-year-Award by National President and guest speaker Stuart Meyer W2GHK. Also on left is Dave Talley W2PF, a founder of QCWA and far right Tom Banks KB4BN, past President of Everglades Chapter. Congratulations Frank ole friend. AC

The Fellowship Repeater now has a new pre-amp and is back up to its usual high power. The phone patch is still being repaired. For clarification, we took a lightning strike several weeks ago and damage was more extensive than first feared.

Eli, KE4AW, is a new grandfather — baby girl — and is he proud! Was up to Ohio last month to see her.

Vacations have been legion these past weeks. Knoxville seemed to attract some, W4NGC, Mike and family for one, W. Va. for Steve, WD4FDW and the Shaws, West Coast Florida for Jack, WA4YLB and Mildred, WD4OSI, and California for some.

We are glad Abe, WB4CLA, is out of the hospital and on the road again.

Birthdays due in September: Al Shaw, 21st. and many not known. How about giving me a call with your current events and see your name in PRINT? My phone number is in the current roster.

FORT MYERS AMATEUR RADIO CLUB NEWS

By Jeff Beals, WB2OUK

After many months of searching for a suitable location, our club now has a club station site. The building is located at Waterway Park in North Fort Myers. Thanks to Dave Fox, KA8CXQ and Harry Arnold, K9ALX for their able assistance in this project. We put out a call for equipment to be donated for our club station, and Bob Owens, WB4KYE started the ball rolling by donating a receiver. Many thanks, Bob.

In my capacity as EC for Lee County, I have appointed Matt Matteson, KE4PQ and Harry Arnold, K9ALX as assistant ECs in their respective areas of the county. Our club meets on the first Wednesday of the month at the First Federal Building, 121 Pondella Rd., North Fort Myers at 7:30 P.M. All are most welcome.

HARS NEWS

By Roy Scott, W4UHF

All roads are leading to the TAMPA HAMFEST to be held at the Armory, Cass and Howard Avenues, just South of I-275 Cass/Armenia Ave. Exit, according to Chris Hauswald WD4JSE, Chairman of the Hamfest Committee. Surveys clearly indicate that the big attraction at Hamfests is the SWAP AREA and TAMPA HAMFEST is going to emphasize this feature with over 200 tables with wide aisles for a minimum of crowding. This will allow visitors plenty of space to take their time browsing through the displays without being pushed around — a condition that unfortunately, is found at many of the large hamfests. TAMPA HAMFEST is a one day affair, Saturday, November 13th, 1982, from 8:00 A.M. to 8:00 P.M. See you there!

All amateurs are invited to check in to the informal HARS 10 meter net held each week at 8:00 P.M. on 28.8 MHz on Tuesdays.

The nominating committee headed up by Dick Berg, N4BLH will offer its recommendations for a new slate of officers and one Director at the September meeting, and the annual election will be held at the October meeting.

Ray Murphy, W4BNE, who has a busy schedule teaching electronics at Tampa Bay Vocational and Erwin Vocational Schools in Tampa, made time to present a short program on "Keeping Up With Electronics by the Ham."

Jim Webb KE4VI, who holds an Advanced Class License, was welcomed to HARS as a new member. 73.

CLEARWATER AMATEUR RADIO SOCIETY

By Eli Nannis, K4JMH

Eldean KA4BBA will not be writing the club news due to other important duties but our club thanks her for a job well done. We had an excellent attendance at our August 12th meeting. Rex Cottrell W4GPL, Emergency Coordinator for Pinellas County was the guest speaker. His subject was on the excellent cooperation between the St. Petersburg Amateur Radio Club and the Red Cross of St. Pete. He advised all amateurs to Join RACES so that they will be able to operate during emergency periods. Emergency Procedures are discussed each week on Tuesdays at 7:30 P.M. on 37/97 or 66/06. We have a repeater on 223.340/224.940 which has been working very well and now we are going to put a 2 meter repeater in operation. We have just obtained a solid state repeater and we have much work to do setting up the associated equipment. We also have plans to set up a station at our meeting room in the Red Cross building in Clearwater. A 60 foot tower was donated to us including a beam and rotator.

Jim Homan W4DPH is recuperating from an operation and doing well. We are sorry to report that Charlie Schaffer W4SIZ, one of the founders of CAAS, is now a "silent key". Our club ran quite a successful Field Day operation. Alan WA4ATF was the man in charge and he did a fine job in keeping the operation rolling in high gear. We ran two stations and a 20 foot tower was put up. The crew was well fed with a spaghetti dinner on Saturday night and breakfast and lunch on Sunday.

A camping trip was held on the July 4th weekend and another is planned for the Labor Day weekend.

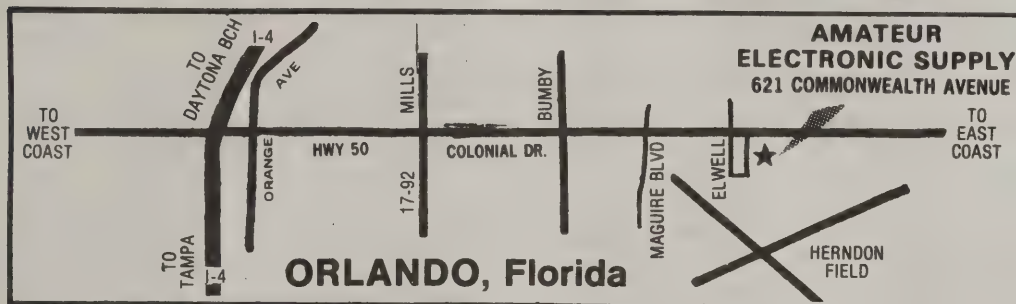
A nominating committee is now being selected to pick candidates for club officers for 1983. Our club members are a very friendly group so why not visit us the second Thursday of each month at 7:30 P.M. at Red Cross headquarters on Court St., Clearwater.

NORTHERN FLORIDA NEWS

By Billy Williams, N4UF

SCM Northern Florida ARRL

A reminder that the ARRL Simulated Emergency Test (SET) is scheduled for October. Due to the Clearwater Convention conflicting with the national SET, our Florida exercise will be moved back one week for both Northern and Southern Florida. The rules allow a 30 day leeway in scheduling SET. Florida traffic nets will be in extended operation on 3,940 kHz, 3,950 kHz, and 7,247 kHz. for the weekend and all hams are encouraged to originate a message to your SEC. In Northern Florida, send the message to Cameron Magnon, W4UEA, Dunnellon, Fla. Southern Florida participants should send traffic to Jim Townsend, KB4OW, Melbourne, Fla. To participate, check in on your local net and list the traffic and liaisons will take it to the state nets where these gentlemen or their reps will be on frequency to take the traffic. In areas with no local nets, you can go directly to the statewide frequencies. Tallahassee EC John Hills, KC4N, is getting ready for SET and proposing a tornado watch network similar to Skywarn. Two notable new scores in Field Day this year. In Tallahassee, the TARS group scored 1,247 QSOs and 4,156 points. The Orlando group OARC tallied in the 8K point range. Remarkable improvements from last year! OARC is already underway with plans for Field Day '83! Enjoyed my visit with OARC last month. As a group, they greatly disapprove of the code-free licensing class. The new EC for Orange County, Dr. John Bonomo, WA4OPA is getting ARES in shape again there. The East Orange Emergency Net under EC Buddy Blackwood, KD4QZ, is generating much activity with many net members reporting traffic totals as well. Some of the reports list



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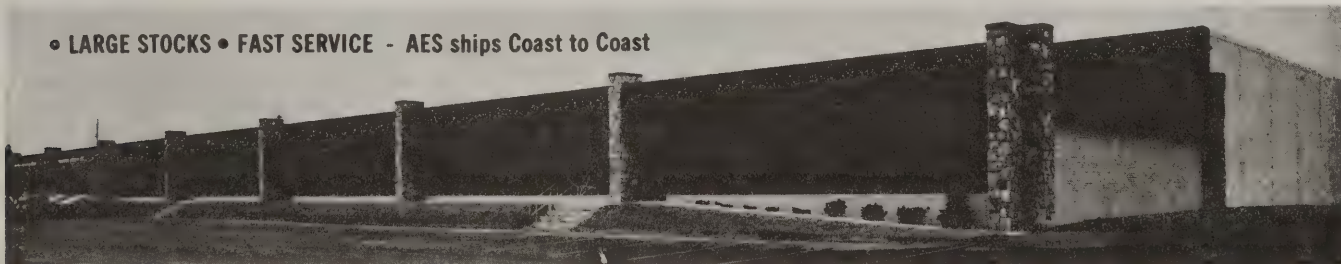
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VE3KK 7,654

N6MU 7,220

SM4GLC 6,984

W5PWG 3,776

Out/State SSB Top 5:

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G4HBI 896

DL8VI 720

W3ARK 594

K4YMQ 594

Club Agg:

() = # Of Entries

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NOFARS (1) 42,924

TAL.ARS (12) 24,385

SFDXA (2) 21,138

EVERGLADES ARC (1) 7,546

HARC (1) 840

Fla. SSB:

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WA4AXJ 310

Brevard:

W4HVU 1,425

Broward:

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W4VZ 308

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N4ECR 45

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NS4V 605

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Okaloosa:

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W4SS 16,443

KD4XN 12,656

WD4IVD 10,948

N4POL 8,477

N4FJL 6,864

K4PB 5,632

WICJ/4 1,536

W4HAW 656

KA4MSA 320

K4GTE 264

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K4KTZ 42

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St. Lucie:

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WD4NYY 33

FLORIDA CW:

* = Class A

Baker:

* WA4SGF/M 84

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W2HAE 567

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* WA4SGF/M 480

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N4BP 35,002

WA4OML 8,662

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Citrus:

* WA4SGF/M 342

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* WA4SGF/M 149

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* WA4SGF/M 74

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WB4MAI 18,546

WA4RRB 1,224

W4IYT 1,155

Dixie:

* WA4SGF/M 210

Duval:

* WA4SGF/M 63

Flagler:

* WA4SGF/M 84

Gilchrist:

* WA4SGF/M 162

Hamilton:

* WA4SGF/M 108

Hendry:

AA4BN 10,600

WB4MQO 113

Jefferson:

KN4Y/4 1,620

N4ECR 2

Lafayette:

* WA4SGF/M 38

Lake:

* WA4SGF/M 74

Lee:

WA9TOC/4 5,928

N4KB 1,020

Leon:

NS4V 12,225

KN4Y 6,900

KA4YLU 1,100

KC4N 780

K4VRT 341

N4ECR 2

Levy:

* WA4SGF/M 215

Liberty:

K4VRT 720

Madison:

* WA4SGF/M 38

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* WA4SGF/M 540

Monroe:

K4QE 7,546

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Nassau:

* WA4SGF/M 18

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KF4U 969

Palm Beach:

K4PB 3,296

Putnam:

* WA4SGF/M 104

St. John:

W4GI 735

Sumter:

* WA4SGF/M 270

Suwannee:

* WA4SGF/M 63

Taylor:

* WA4SGF/M 132

Union:

* WA4SGF/M 314

Volusia:

* WA4SGF/M 84

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KS:

NØCLV 288

KY:

W4YOK 1,440

LA:

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KALCLV 360

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MD:

AE3Y 13,900

MI:

KS8Q 3,840

W8WVU 432

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VA:

WA4EFE 2,632

WA:

W7DRA 90

WI:

K9GDF 572

WB9VJU 252

Nova Scotia:

VE1ZL 270

Ontario:

VE3KK 7,654

VE3MRP 320

Sweden:

SM4GLC 6,984

SMØCCM 352

COMPILED BY: Racial-Milgo ARC.



1982 QSO PARTY SOAPBOX

Apologies from contest chairman for delay in results, (we get flu in Florida, too. . .). Don't blame ye olde editor — his level of frustration is high enuf as it is!

Glad to see 4 more clubs this year — A tip of the fedora to AE3Y — worked 50 out of 67 counties! Another vote of thanks to WA4SGF/M. Ed put in 765 miles to provide 21 counties. He sez he'll try for 30 next time. Good Show! G4HBI sez he'll try for highest out-of-state score next year . . . might just do it if the propagation is there.

Couple of comments: If a mobile or portable station moves during the contest, he counts for each county/state he works from. PLEEZ! Dupe sheets are required for all high scores (more than 200 contacts).

Comments from testers — Please let us know what you think of them: 1) How about a combined CQ/SSB score? 2) How about 2 freqs per band to alleviate pile-ups — maybe 50 kHz apart?

CLUB FM P. 14.

less than 10 messages and some only one or two but the fact that the station reports is as important as the total. There is no total too small to report each month. You get one point just for sending the report itself. Send all Station Activities Reports (SAR) to me by the 6th of the month for the preceding month. Last year, Northern Florida ranked 9th out of the 73 sections in traffic but more reports are needed. All totals are published in QST along with calls.

The East-Central District has been formed with Wimpy Wimberly, KB4LB appointed as District Emergency Coordinator. This district at present includes East Volusia, West Volusia and Seminole County.

New ORS appointments include KB4LB, WA4QXT, N4ESM, KD4QZ, KA4MGR and KA4MGQ. Jerry McCabe, KA4MGQ is the new Net Manager of the Northern Florida Phone Net (3,950 kHz. 7:30 P.M.) after WN4IIV found it necessary to resign due to a change in his work schedule. Jerry assumed office effective Sept. 1st. All net reports should be sent to him in McClenny. Jerry's YF Karm, KA4MGR is Net Manager of the Tropical Phone Traffic Net.

The Gulf Coast ARC chose Jeff Bolda, W4CE, as the recipient of its Scholarship award for 1982. In Gainesville, WA4HFR and KA4NGX built an emergency power supply charger for the K4DPZ repeater. NF4O now representing the section into 4RN. N4ADI active as well as a rep.

Beaches ARS received nice publicity in the form of a newspaper article which explained the role they play in the Beaches Run. Large article on the front page of the sports section. Licensing classes underway in most large cities with the start of the fall community school programs. Among those involved in instruction are NS4V and KC4N (Talla.); K4DDY and KW4T (Jax.); W4DTV (Orlando); KE8O and AA4FG (NPR); N7SD (Daytona). Congratulations to these people who are training our hams of the future.

Our SEC Cameron Magnon, W4UEA, is updating the Northern Florida Emergency Plan with the goal of interlocking it with the Southern Florida plan. I think we are fortunate in Florida to have two real go-getters for SECs in W4UEA and KB4OW. Both are extremely enthusiastic and spend a lot of time doing their work. Jim, KB4OW has an excellent monthly EC newsletter and Cameron has been spending much time visiting the ECs in our section. It's a pleasure to be associated with dedicated men like Jim and Cameron!

Henry Fehrman, N4EDQ, handling bushels of traffic in the ICFC (International Communications for Christ) Network which serves missionaries worldwide. That group has a RTTY system and a large computerized system which handles over 10,000 pieces of formal written traffic each month. Henry had a nice total of 2,749 last month and we look forward to getting his reports in the future.



Over 520 years of amateur radio stands here, at the Highlands County QCWA Chapter. Chapter is growing. See DIRECTORY for details. Sorry Calls of above were not given. (photo N4XV.)

KNIGHTS OF THE KILOCYCLE

(Longest operating net, 53rd year)

By Phil McMasters, W4BCZ/AFA2XR

One of our regulars, K4SJA, Charley has been in the Hospital at Lake Worth but should be home when you read this. K4UIZ, Evelyn had by-pass surgery in Orlando on primary election day 9/7 as reported by the OM W4BKC, Hal. W4DVR our chaplain returned safely from his trip and again started our week by his fine invocations. A lot of members moved up on the rollcall on the Labor Day weekend, but some of the regulars never miss. W4BZR, Breck has been calling regularly from Ridge Crest, North Carolina to keep his place this summer.

It has been said that a bunch of old timers, talk and talk and say nothing of interest — that may be true, but the two minute rule on first go-round is mostly observed on the Knights & Ladies longest running net, call in at 7:30 A.M. local time next Sunday on 3910 KILOCYCLES (Call a cab, don't use hertz, HI), and after doing it five times you, too, can be a member, no initiation, no dues, and get well cards when you are sick, too. It is worth a lot more to you than the extra minutes in the sack, try it you "Young Squirts" as the OM used to call you in QST when he was still alive.

FLORIDORA YLS

By Cathy Soehl - W4BAV/ARNS

K4RNS-Marge put her house up for sale and moved to Jax. with her Daughter and family. Her new address is: 1224 Knobb Hill Drive, Jacksonville, FL 32206. Hope Marge will not be off the air long as Son-in-law Ed Gray is N4HLS, will probably share rig until Marge gets set up in her own quarters. Good luck, Marge, we'll be listening for you.

K4TBG-Kay, Floridora No. 95 and Treas. 1965 to 1968, we regret to report, has joined the Silent Keys.

W4BIL-Fran fell Aug. 5th, hit her head, was in Palms of Pasadena Hospital I.C., after an operation. At this writing, she is in Pasadena Manor recuperating, before returning to Sanford.

K4WXS-Lee is in the Bayfront Medical Center, taking radiation treatments, after an annual check-up.

W4EHN-Betty home after her visit with Son and family; had trouble getting rig to operate but glad when she checked in Floridas.

A4QBY-Dorothea joined the Ex-LIARS and checks in Mondays before QSYing to the Floridora No. 2 Net. Congratulations, Dorothea.

W4HRC-Little Bo is writing up the history of the QCWW (reported as QCWA last month — typographical error).

WB4AUR-Thelma goes to her exercise class earlier now, so we will be looking for her to join us every Monday.

As you read this, the Clearwater Convention will be over and we hope to have a report on the Floridora 25th Anniversary, which will be celebrated there.

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DEC. 4, 5, 1982

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(HR Report 7/10/81) TU

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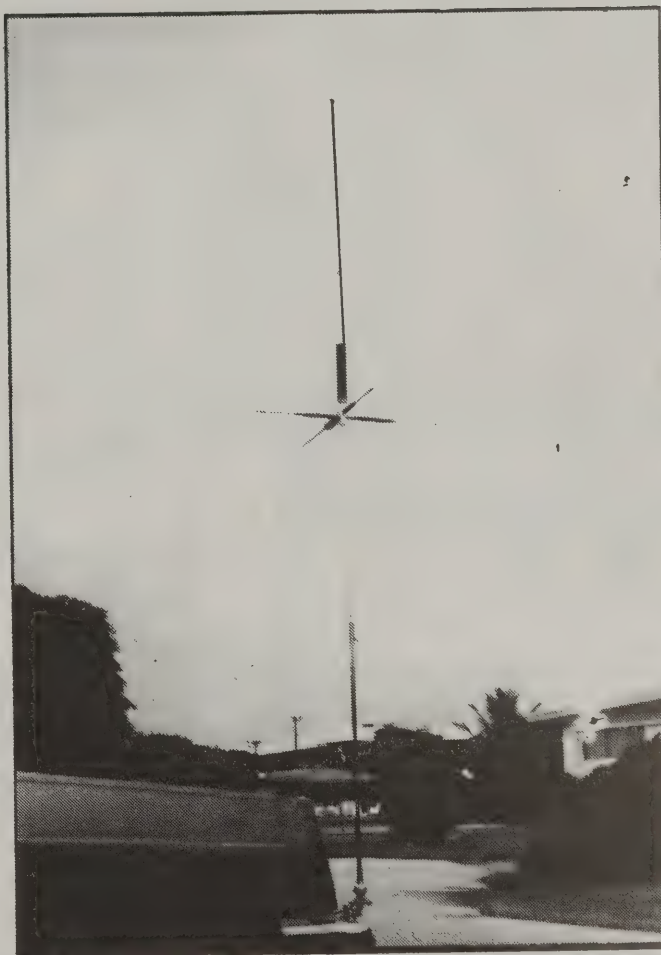
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PALM BEACH AMATEUR RADIO COUNCIL, INC.

By Ken Block, Council Vice President

As the dawn was broken by the first glimpse of the sun bringing yet another warm summer day to the Palm Beaches, the 1982 SIMULATED EMERGENCY TEST (SET) was in the works.

The benefits of numerous meetings with individual leaders of disaster and disaster support groups were about to be realized. We were ready for the challenge.

Our challenge? Could our umbrella agency acting as EC and representing all organized and unaffiliated amateurs in the largest county east of the Mississippi, coordinate, facilitate and homogenize groups who in the past have never chosen to work in concert with one another?

The challenge was met! It was a complete success. Over 200 active volunteers worked together, as a team, in a simulation of a category 4 hurricane with a downed aircraft. Now relationships are firm between agencies and individual personalities. When a real emergency comes along we know what to expect from each other. The mystery, long standing, is gone and we have a NEW BEGINNING in Palm Beach County.

We learned too, that more volunteers are needed to fill some gaps and even more meaningful and effective communication is needed prior to the event at the planning meetings.

The participating agencies found their weaknesses and have taken appropriate measures to correct their situations.

Never before in Palm Beach County, has such an event been held. Perhaps, because of our geographical size, we may have written a new chapter in area-wide interagency successful co-operation.

The Palm Beach Amateur Radio Council, Inc. would like to thank the following agencies for their active and positive participation and enthusiastic cooperation: Palm Beach County Civil Defense (B.T. Kennedy and Allen Richter, W4PHL, both of whom are Council Directors), American Red Cross (Jerry, KR1MN, Council Director), National Weather Service, NOAA, (Steve Letro, soon to become a Council Director), Palm Beach County Sheriff's Office, Air Traffic Controllers (PBIA), South Florida Search and Rescue, Inc. (Jim Handputz), Palm Beach County Sheriff's Posse, Lantanna-Lake Worth Squadron Civil Air Patrol (Jim Lusk), West Palm Beach Squadron Civil Air Patrol, Palm Beach Gardens Police Department, Jupiter-Tequesta Repeater Group, Inc. (Charles Davis, N4BBZ, Pres.), AREC Repeater Group, Inc., (Chuck Ruth, WA4ARE, Trustee), Gold Coast FM Association, Inc. (Chuck, W4BUG, Bruce Silk, KC4GH, Sandy Silk, WD4CBB, Ray Jones, KE4XM), Palm Beach Repeater Assn. and the over 200 volunteers who made it work. THANK YOU ALL VERY MUCH.

We are saddened to note here the passing of Monte Cohen, AA4MC. We have expressed our condolences to the bereaved. His widow has asked that donations to the Council, in his name, be made instead of other gestures. The AREC Repeater Group, Inc., has forwarded two memorials to us, maintaining the anonymity of the donors.

Those of you who have never experienced UHF-FM are in for a treat. In West Palm Beach, Tom, WB4ILH owns and operates a state-of-the-art machine on 449.500 MHz. His VHF-LINK allows access to the repeater via numerous simplex frequencies and distant 2M repeaters from Key West to Orlando.

This UHF repeater allowed administrative and tactical communication to flow easily and reliably during the SET. We offer our collective gratitude to Tom King.

The location of the repeater and the 300 foot elevation offer wide-area hand held access. The Council now has cause to include UHF in the county-wide emergency plan. Tom King's repeater will serve the essential administrative communication needs of Civil Defense, Red Cross, National Weather Service and area Net Control Stations.

A very special meeting of all Amateur Radio Operators, Clubs and Associations are invited to attend this Council Event. On October 21, at 7:30 P.M. sharp, at the Red Cross Building on Fern Street in West Palm Beach a program regarding disaster possibilities and our role as Radio Operators in Palm Beach County will be presented by Red Cross Staff. Also special NEWS regarding the RACES program will be presented by Allen Richter, W4PHL Communications Coordinator for Palm Beach County Civil Defense. You won't want to miss this one and feel left out. Our regular business meeting will be dispensed with so that the entire program can be presented in one night.

We have moved. Our meetings have been overflowing to standing room only. Civil Defense has offered and we have accepted meeting room facilities at their building on Belvedere Road (west of Dog Track) on the third Thursday each month for our regular Monthly Council Meeting. Please put that on your calendar so you won't miss any meetings. We need you there. Special meetings as noted above may change the meeting place so keep looking right here or tune into your net for latest details. All meetings are at 7:30 P.M.

We wish to thank the WPCARC for their hospitality during the past nine months. Your meeting room was something we really needed and we thank you for your help and your continued support in the future.

An area-wide meeting of the EC's is in the planning stage so that mutual problems may be discussed and new avenues of communication opened and relationships cemented. We hope to set the date soon. The Council knows that disasters natural or otherwise do not recognize county lines.

Therefore it is essential we work together NOW on a REGIONAL basis so that we may better understand problems, pool resources and maintain inter-county liaison.

It's been decided that the next time our President, Manny, W4SS, makes his mysterious journey to (?) South Carolina, we will have spotters along the way.

Does he really go to Sumter, S.C.? Does he really rest when he gets there? Or does he go there to simply recharge his NICADS? Answers to these and other provocative questions hopefully will be answered in a future column.

Any group or individual wishing to contact the Council may do so by writing P.O. Box 6834, West Palm Beach, FL 33406, Or by calling Manny, W4SS or Ken, WD4KSO on 449.500 or 146.670 or 146.625, respectively.

73, Ken, WD4KSO

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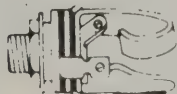
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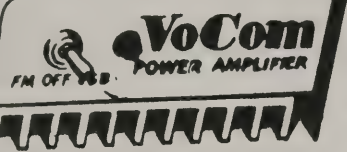
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MNAVY-MARINE CORPS MARS

By Bob Barry, NNN0GAL 8/KC4GG

Florida Area members will hold a meeting at the Sheraton Sand Key, Clearwater, on Saturday, Oct. 16, from 1000-1200 hours. This meeting will be incidental to the ARRL South Florida Section/Florida Gulf Coast Amateur Radio Council Convention and hamfest. We are indebted to Bob Smith, NNN0CCC/W4EGM, President of the Council, for arranging for the facilities for this meeting. The meeting will be open to the ham fraternity and we welcome you to sit in on the proceedings and to get your questions concerning MARS answered first hand.

Looking back in our files, we note that in October 1981 we were writing an after-action report on Hurricane "DENNIS", which threw quite a scare on the population of lower Florida. As this column is being written, tropical storm "BERYL" — still a good ways off our east coast — is expected to become a full blown hurricane and its course is unpredictable at this time. We mention this to remind all readers of two things: — first, that the hurricane season is still with us. Second, that MARS provides still another emergency communications network, alert and ready to serve if needed. RACES and civil disaster officials please take note!

This month we are happy to welcome as new members Eric Kennard, NNN0ZEUT/N3BRT, and Bill Coburn, NNN0ZGJT/N4GQH. And, we are happy to add another Key West station in the person of Billie Cartwright, NNN0UJW/W4LOE, who transferred into our Area.

That "old Medicare monster" has hospitalized several of our staff members recently. Herb Manning, WD4ADD, our new Training Officer, underwent serious surgery recently and as of this writing is only beginning to get back on our nets. Jim Homan, W4DPH — well known to most hams from his former association with AGL Electronics — had painful surgery which kept him off the nets and interfered with his valuable computer service to our program. Bob Weill, K4GRM, our Personnel Officer, was hospitalized in August and it will be a while before he will feel well enough to pound brass.

MARS has something for everyone — be it SSB, CW, RTTY, SSTV. How can you get a MARS license? Drop a line to this scribe at 250 West Canal Drive, Palm Harbor, FL 33563, and you will have your answer pronto! 73. . .

U.S. AIR FORCE MARS

By Phil McMasters, AFA2XR/W4BCZ, FLORIDA P.A.C.

The Clearwater Convention of the ARRL has a time for MARS meetings and it may be that the news of the appointment of the new State MARS Director will be available and we hope that he will be in attendance so we can all meet him for an eyeball. I am an appointee of the SMD so maybe you will have a new reporter with the new SMD. It is time as I have had this job and the Region job for the maximum three years so I need a rest.

The regulations are changing again, you will not receive any time credit for nets not listed in the new directory after 1 October, which should be received by that time. This is contained in Broadcast No. 34, item 92, which also tells about the change to stamps for official mail and the survey as to need for amounts and quantity necessary to do the job. INDICIA will not be used after first of 1983.

Again, in the opinion of this reporter, a mistake in the training program is coming. There will not be state training officials, it will all be done at the Region Level. Some states may not have done a good job but AFA2YI has been a very good instructor. Skip will make it impossible for all to hear AFF2T trying to conduct a school on some days. AFA2SJ who was a Region Training Officer found that out from his location in Florida.

It is good to rotate jobs for training of new personnel but the experience of past holders should be used if possible for efficiency.

COMPUTERS IN FLORIDA ARMY MARS

By E.E. "Hoisy" Hoisington, AAR4OU/W4YTA

When tuning in and checking into the Florida Army MARS Computer Net, Thursday evenings at 9:00 P.M. EDT on frequency 4025, you become aware of the trend toward computer ownership and computer operations in Army MARS.

Nowhere is this more apparent than on the RTTY nets where in

the opinion of the State Director, Elmer Kusluch of Citrus Springs, FL, 90% of the stations checking in currently are using the "Silent Screen" teletype procedures which computer technology has made possible. No longer are the clanking mechanical monsters the order of the day. No longer do XYL's complain of the noise related to past teletype operations. Now, all messages are received on the screen, and replies being formulated on some split screen versions, without so much as a whisper. But that is ONLY THE BEGINNING.

Additional applications for Army MARS use are being discussed and planned for the future. Just to name a few . . .

- Computer to computer communications via either modems and phone lines, which is most interference-clear as of this moment, and at the very fast speeds which computers can sustain.

- Computer to computer communications via radio linkages, but on such channels as to eliminate or lessen interference (perhaps FM is best).

- Computer usage for "station housekeeping", inventorying, logging, letter writing, etc.

- Complete computerization of the station, to permit almost operator-free operation in routine operations.

It's really not "pie in the sky" thinking, just progressive planning. While we may be just starting to make the revolutionary changes computers now permit, maybe we'll be in on the REALLY BIG changes still to come. The Thursday evening net mentioned above meets for the discussion of computer problems and needs, and is most popular for the over 20 members now owning and using computers in Florida Army MARS.

SOLAR FLARES BAD NEWS FOR COMMUNICATIONS

An A.P. item from Boulder, Colorado, from the NOAA points out that "A solar flare so huge that scientific instruments were useless to measure it shot from the sun's surface releasing more energy than the Earth uses in a year, scientists said." The article goes on to say "The X-12 (X class is the rating of the largest of flares) flare on June 6 released more energy in less than 20 minutes than all the natural and manufactured energy — from earthquakes to electricity — the Earth uses in a year, according to solar forecaster Phil Powell. It was pointed out that while the average person wouldn't be aware of such occurrences, solar flares are bad news for communications systems, since temperatures in X-class flares jump from the sun's normal few thousand degrees to hundreds of millions of degrees. The resulting higher temperatures in the outer portion of the Earth's atmosphere slow the movements of satellites. Shortwave radio signals fade as the waves of energy wash across space. The geomagnetic disturbances can cause disruptions in electrical power and electronic communications networks such as cross-country computer operations. Scientists have tracked an 11 year cycle for the sun. Powell explained that over the 11 years the frequency and intensity of sunspots — the centers of the sun's magnetic fields — wax and wane. The peak for the current cycle was several months ago, and solar flares can be expected 'for about another two years'."

NOTE: While this is interesting info, guess we'll just have to live with it as fact!

(From QUA MARS Bulletin)

FLORIDA SIMPLEX AUTOPATCH

Due to the influx of 'simplex automatch' in Florida, the Florida Repeater Council voted during its meeting at Jacksonville Hamfest to recommend the frequency segment 147.420 to 147.570 for simplex autopatch users. Florida Repeater Director is available free with SASE from FRC, P.O. Box 17317, Tampa, FL 33682.

The next FRC meeting will be at Clearwater Hamfest, Saturday, October 16 at 1:30 P.M.

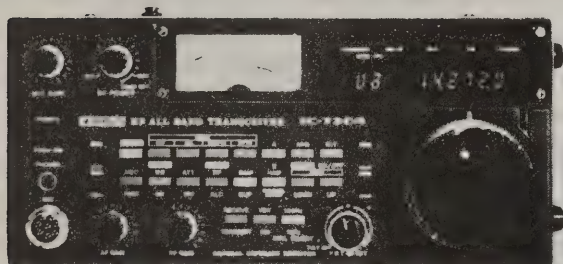
SCHEDULES ON THE NEW BANDS

By Bob, W4MB

Be sure to check the new bands from time to time. Schedules 18.111 MHz: KK2XJM, Daytona Beach, KM2XDU, Merlo Park, NJ, KM2XDW, RYE NY at 0030, week days. Also 24.9 on weekends each 3 hours.

Lots of DX on 10 MHz now. About 40 countries on.

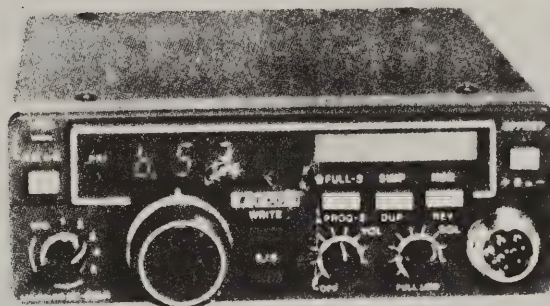
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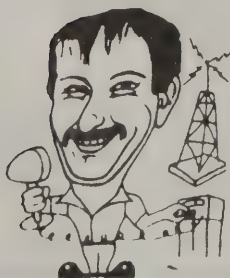
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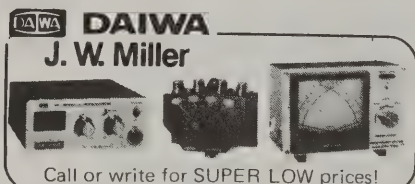
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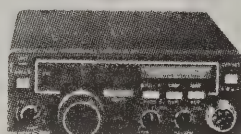


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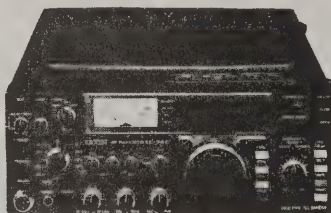
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AMATEUR RADIO SESSION

December 2, 1982 — 6:30 P.M. to 9:30 P.M.

Free Admission

TECHNICAL PAPERS:

"Microcomputer Based Amateur Repeater Controlled With Interactive Voice Synthesizer", by Ronald E. Eichholtz, WB4UFA, and Alan C. Preuss, W4MGK, of Gold Coast FM Association.

"Amateur Satellites — Past, Present, and Future", by Gerald L. Hall, K1TD, Associate Technical Editor, ARRL.

Panel Discussion: "Amateur Radio Satellites"

Moderator: David Talley, W2PF. **Speakers:** Andrew C. Clark, W4IYT Walter Dixon, W4DWN, Gerald L. Hall, K1TD, and Peter S. Heins, K1FJM/4.

ARRL Booth and Amateur Radio Station in Exhibit Area.

For free admission tickets to the Exhibits during Nov. 30th to Dec. 2nd (9:00 A.M. to 6:00 P.M.), send SASE to Andy Clark, W4IYT, P.O. Box 501, Miami Springs, Florida 33166.

Parking Available at BAL HARBOUR SHOPS (\$.50 per hour).

The Yagi

The most popular DX antenna is the Yagi, more properly the Yagi-Uda. It works as follows. If a resonant dipole is brought close to a radiating dipole, it will pick up and reradiate energy, changing the pattern. Closer than two-tenths wave spacing, the added element acts as a director, pulling the pattern towards it. For spacings greater than one-tenth wave, it acts as a reflector (Yes, both at the same time). The change (directivity) can be as great as plus 5dB, when acting as either a reflector or director, or minus 20 dB when acting as a director.

If the added element is shortened while it is acting as a director, its effect will be increased. Similarly, if lengthened while acting as a reflector, it will also improve the pattern. The change in plus gain is relatively small, to perhaps 5.5 dB, but the gain is held over a wider range of frequency, and the front to back ratio is better.

Several elements can be used. Adding a second reflector behind the first has almost no effect. Adding reflectors spaced at right angles to the first reflector, about equidistant from it and the radiator does help. With directors, however, adding another one ahead of the first one increases gain appreciably, and still more increase the gain further.

With reasonable spacing of elements, around two-tenths wavelength, and with elements properly tuned, gain of the Yagi depends only on array (boom) length. It is about 10 dB above a dipole at one wavelength of boom, increasing about two dB for each added wavelength. Gain is about 5.5 dB for two elements, 7.5 for three and 8.5 for four.

With a resonant driven element, the feed impedance is very low. The most common methods of matching are the linear transformer, in the form of the Gamma match, and addition of reactance, the antenna being lengthened and a short section of line bridged across the feed point. The Gamma match is easiest, especially for the home builder.

If you want maximum performance, the antenna must be adjusted to compensate for height, local conditions and construction technique. You can adjust for maximum gain at a particular frequency, or best average gain over a specified band. In most cases, however, a perfectly adequate compromise of all three will be secured with lengths and spacings set to handbook values.

Gamma matches and several other feeds must be adjusted experimentally. The easy way to do this is to aim the antenna vertically, with the radiator about one-quarter wave above ground. Adjust for minimum SWR at the desired frequency, or for best compromise over the desired band. It may be helpful to change the length of the radiator. Don't change the other elements, though.

The desire for directive antenna performance on several bands has lead to the multi-band Yagi. While some use individual elements on each band, most use parallel resonant circuits (traps) to disconnect the outer and unnecessary part of an element on the higher bands. Each trap is tuned to a frequency just lower than the band it is to establish. It acts as a loading coil on lower bands. Tuning on these antennas consists of changing the element length just to the inside of a trap, starting with the trap for the highest band. Don't change the length inside of another trap.

These antennas are compromise designs. The performance is good, but not as good as separate, full size antennas.

While it is marginally worthwhile, for maximum performance you must tune the antenna. In the USA, for the DX bands, it is best to tune for maximum front to back ratio. Usually, our problem is QRM, not signal strength.

PLEASE DON'T FORGET: Our HAMBAR deadline is the 8th of each month. This means, your ad **MUST** be IN Box 501 by the 8th. **DO NOT CALL** editors home with HAMBARS or last minute changes. We **WILL NOT** accept them! All Hambars received after the 8th will be held for the following month. Thanks for your cooperation and consideration! **E d i t o r**

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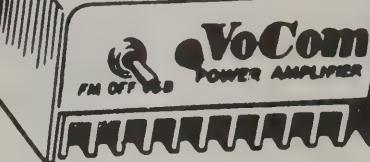
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THE K5RW BUG COLLECTION

Like most of you, I saw my first bug when I was a teenager. I can't remember what kind of bug it was, but it caught my heart and imagination. Visions of becoming a high speed operator and earning my place on 40 meters danced through my head. So I got out the catalogues from the big radio houses on the east coast. My twelve dollars was soon in the mail. After what seemed like an eternity, the postman delivered my prize, a brand new SPEED-X bug, model 515.

Two decades later, the SPEED-X is still with me. So is my fascination for bugs. My collection got started when I saw an ad in the classifieds for an old bug. Curiosity got the best of me, so I ordered it. The bug turned out to be a Vibroplex. I knew it was old because I had never seen one quite like it, but how old I didn't know. I had to find out. Then came a McElroy bug. I knew who Ted McElroy was, but never knew he made keys. I wanted to find out more.

Today there are 70 bugs in my collection and I am still trying to find out more. My goal is to find one of each make and model of bug ever manufactured and to know their history. I've got a good start, but I've got a long way to go.

Horace G. Martin made the first bug in 1904. It was called "THE VIBROPLEX". Other manufacturing firms saw how successful the bug was. In a few short years there were dozens of bug makers competing in the market. Many firms had several different models. For four decades the bug enjoyed a heyday.

Technological advance eliminated the need for the bug. After WWII the bug manufacturers slowly faded away. Today there is only one still in business . . . Vibroplex. They are still making the same model that they started with in 1904, now known as the Original. Though they are gone, they are not forgotten. Thousands upon thousands of bugs remain to remind us of the golden days of communications. These purveyors of the radiotelegraph art are hidden away in attics, closets and garages waiting to be discovered by a collector.

I wish the bugs in my collection could talk. What stories they could tell. How many sent messages that saved lives or announced the birth of a child? One could probably tell us about transoceanic DX with a TGTP rig that it keyed Another might tell us about train wrecks or torpedoed ships, or a message sent to a secret invasion force. Still another might tell us about the craftsman that put it together or interesting stories about its owner.

The old bugs can't talk, but the fellows that used them can. An Old Timer that bought his key forty, fifty, or even sixty years ago can tell me about himself and his key. I like to retell these stories when I show the collection. Former call-signs, early rigs and historical notes give each key a unique identity. Unfortunately, the pieces I pick up at junk sales and estate sales are anonymous. Yet they are still a part of history.

About two thirds of the keys in my collection I would classify as real showpieces. The remainder are spare parts bugs or seconds. When something new comes in I go to work on it. If it is missing parts, I try to find replacements among the spares. Sometimes I have to find three or four of one particular model to assemble a complete one. I am just starting to experiment with restoring the really rough ones. This involves duplicating the paint and electroplating of nickel or chrome. So far, so good. The stumbling block is duplicating the bakelite and plastic pieces. These are always the first parts to go on a bug. Maybe some of you can offer suggestions.

The collection consists of bugs made by Vibroplex, McElroy, Logan, Martin, Cedar Rapids, Bunnell and Telegraph Apparatus to name a few. Strangely enough, I am missing some of the more common pieces like the Martin Original and the McElroy Amateur models. I estimate that it will take 200 bugs to make the collection representative of what was available in the first half of this century.

Finding information on bugs is difficult. There are no reference works for collectors, so those that collect become detectives. The task is a double one . . . finding bugs and finding information about them. Old advertisements, catalogues and flyers are a good source of information on types of models and year of appearance. Not too many have survived the years, however. The U.S. Patent office

records are accessible and do contain technical and proprietary information about some of the early and unusual models. The lack of reference material is a handicap, but it makes digging for it a lot of fun. The Vibroplex factory, I am told, burned in 1972 and all records concerning serial numbers were lost. Therefore, even with the number, a Vibroplex bug is difficult to identify and date.

If you have questions about bugs of other keys, feel free to write. I'll do what I can to share my knowledge or experience.

If I don't know the answer, I'll steer you to another collector. If you have questions about a specific bug, please include the following information. It will save us a couple of letters. SASE appreciated.

1. Dimensions of the base.
2. Finish of the base, paint or plate and trim.
3. Shape of the finger and thumb pieces and type of material.
4. Size of the contact points.
5. Serial number (this gets me close).
6. Description of the main frame.
7. Description of the damper assembly.
8. Sketch of the nameplate.
9. A picture is worth a thousand words, if you can make a photo, all the better.

Perhaps we can start a regular column on old keys. Let Ted know what you think. In the meantime, look for me on 20 or 160, CW of course!!!

73 de K5RW ex K5ZJP

B. Neal McEwen

1128 Midway

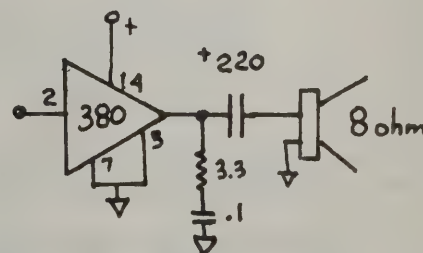
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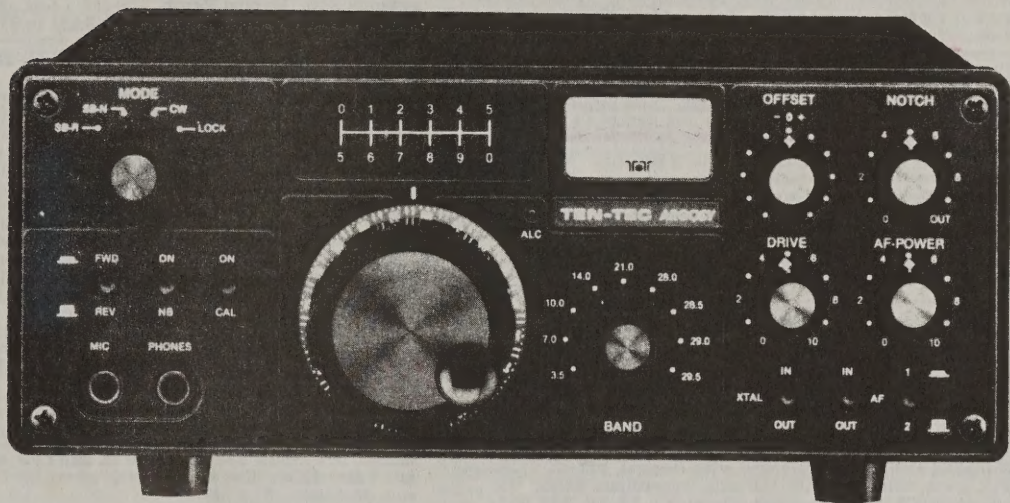
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FOR SALE: KENWOOD TS-520 with SP-520 speaker, boxes and manuals \$400. Two Shure 444 desk mikes, \$15. each. Heathkit HM-102 RF power meter \$30. Drake W4 wattmeter \$25. WB4VVF Accu-Keeper with Brown Bros. paddle \$50. MFJ 16010 antenna tuner \$15. MFJ Versatuner 2 ant. tuner \$35. Sie ma RF-2000 SWR-RF (3.5 to 150 MHz) power meter \$15. Yaesu FT-227R little used in factory carton \$175. YC-601 digital display \$70. Two 14-AVQ vertical antennas \$50. New Larsen LM-150 two meter mobile antenna with magnetic mount \$20. Drake TV-1000LP filter \$10. Kenwood HS-4 headphones \$6. Yaesu QTR-24 clock \$15. Would prefer to sell as package at special price of \$850. Robert Clark YN1RGZ/W4, 11001 SW 154 St., Miami, FL 33157 305 253-1356.

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HE WHO IS AFRAID TO ASK IS ASHAMED OF LEARNING..KA4ENZ

FOR SALE: Info Tech M200F tri-mode converter, KLM 144 MHz linear 10W/80W out \$129. QF-1 audio filter \$19. Yaesu landliner phone patch, perfect but no manual \$39. MJF 1610ST super miniature super tuner \$14. Osborne 1 computer with new case style, works perfect with 30 day money back guarantee. Peter Dillon AA4PD, P.O. Box 338, Melbourne Bch, FL 32951.

FOR SALE: Converters two models available 50-54 MHz in 10.7 MHz out and 28-30 MHz in 10.7 out. Crystal controlled, 3 transistor FET circuit. Factory built, not a kit. Less crystal \$10. each. 10 watts in 70 W out 2 meter PA VHF Eng. BLC 10-70. Will demo \$40. PA4010. 10W in 40 W out \$20. Richard Marsh, WA4JJQ, 7350 Buchanan St., Hollywood, FL 33024 305 961-6839.

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FOR SALE: YAESU FT-227R transceiver w/HS-1 scan. \$175. John Mc Intire WA4LVW, 3225 San Mateo St., Clearwater, FL 33519 813-726-3448.

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TRYING TO SQUASH A RUMOR IS LIKE TRYING TO UNRING A BELL.....KA4ENZ.....

SELL: Sideband spectrum analyzer SSB-3B for proof of performance testing of amateur, CB or commercial SSB, AM or FM radio transmitters 2 to 160 MHz. Complete system in excellent condition with manual. Pick up only. \$475. Cash. S. T. Carter W4 NHC, P. O. Box 3177, Indiantonic, FL 32903 305 727-3015.

FREE FLEE. OCT. 23, 1982, 8 a.m. to 4 p.m. Sell from your car. Motorola N.E. parking area, Sunrise Blvd & University Dr. Plantation.

SELL: Yaesu station, FT-101EE with fan, filter ac-dc, mike and spare finals, FV-101B, ext VFO, land liner \$700. Also Dentron Linear, GLA-1000 with tuned input and spare finals \$275. David Aukamp, W4MJB, P.O. Box 86, Dunedin, FL 33528 813 733-7175.

THE BIGGEST MAN THIS WORLD HAS KNOWN WERE BORN FAREFOOTED.... ARNS BULLETIN.

WANTED: FAA retiree net, Sundays 9 a.m. on 3950 primary and 7264 secondary. Mitch, K4IHV NCS, Winter haven. Join us.

SELL: HY GAIN 182 18HT 50 ft, like new, never set up, never near salt water \$200. Can haul on pick up truck. No delivery. Troy Thompson, St. Marks, FL 32355.

WANTED: SWAN 117XC power supply in mint condition. Merb Hofer WB4KVK, 276 N. Lime Ave., Sarasota, FL 33577 366-3663.

FOR SALE: Heath SB-102, SB-600 spkr and power supply, Turner 350 PTT mike, all for \$300. Also Microna 3 range SWR/watt meter \$25.00. B&W dipole traps for 40/20/15 \$18. Hammarlund HQ-140X receiver \$85. Realistic RF signal generator \$20. Heath VTVM \$20. Xtal calibrator by MFJ \$5. Heath HN-31 cantenna dummy load \$15. 73 magazines from 76 to 78, U pick up. Realistic stereo tuner TM-175 \$30. Ron Patterson KFFSN, 1611 NW 115 Ave., Pembroke Pines, FL 33026 305 431-2142.

WANTED: E Z WAY crank up tilt over tower complete with hoist, ground post and rotor mount and mast. Howard Clarke WA4KER, 611 Villa Grande Ave. S., St. Petersburg, FL 33707 813 347-4702.

FOR SALE: RCA Super basefone hi band repeater, working on 164 MHz, 100 watts, tunes to 2 meters, complete with duplexer \$525. Standard FM transceiver pm 151 'Hz. 30 watts, 12 q/damper \$135. Motorola G-strip base stations, on 52.525 MHz and 146.52 MHz, 30 watts each, \$35. each. Homebrew SW receiver, all transistor, \$15. Tom McLaughlin WB4NEX, 13308-D Orange Tree Ln., Tampa, FL 33618 813 961-1227 evenings please.

WANTED: Med Freq. Hand helds in range of 47 MHz to be used by Red Cross Disaster Action Teams during emergencies. Must be reasonable. Robin Aronson, American Red Cross Hq. 5020 Biscayne Blvd., Miami, FL 33137 305 576-4600 office hours.

GARAGE SALE: Zenith B&W 12 inch TV, sharp pix, no cabinet \$14.00. SYLVANIA 23 inch color TV in wood walnut cabinet 36W X 20 D X 30 H with diagram and instructions. Pick up only \$45. Zenith 19 inch B & W portable, good pix tube, needs Horiz. work. \$9. Panasonic, 23 chnl transceiver, CB, excellent. \$15. 12 VDC supply for above \$9.00. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874 after 6 pm please.

FOR SALE: DOW KEY 115 v.a.c. coaxial switch mounted. \$10. 400 feet, 72 ohm TV coax, brand new in box, white \$35. Antenna insulators by LAPP 5/4 " long 400 Lb test \$1. each 9/4" long 600 Lb test \$1. each. A. Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

C Q T H E
E A S T E I E T
E R O W I N G
R A A T I E R
R A P O
M A G A Z I N E

WANTED: M.F. HTs in range of 47 MHz to be used by Red Cross Disaster Action Teams, during emergencies. Must be reasonable. Robin Aronson, American Red Cross, 5020 Biscayne Blvd., Miami, FL 33137 305 576-4600.

FOR SALE: Heath SB-100 transceiver w/CW xtal filter, speaker, power supply \$300. Collins 75S1, 32S1, 516F and cables \$600. Sell as set only. Don Reed WD4ERA, 1857 Sunset Pl., Ft. Myers, FL 33901 813 332-1825. No collect calls please.

POWER, Rohn FK-2548 foldover with HD thrust bearing and extras 50 ft. high, one year old \$450. CD-45 rotor, one year old with cables \$65. Hy-Gain 15 meter 3-el beam \$40. Drake SPR-4 general coverage rcvr, solid state loaded \$275. Heath HX-1681 QSK CW transmitter and HP-23A \$200. K. Stuber N4KS, 309 NE 8 St., Pompano Beach, FL 33060 305 427-0253.

FOR SALE: MFJ941 versatuner FB antenna tuner, SWR meter up to 300 watts r.f. \$40. Call or write C. K. Street G3DKS/W4, 1399 Freeport Dr., Deltona, FL 32725 305 574-2414.

SELL: HT Tempo S1, 2 mtr, 12 button TTP, wall charger, heavy duty Battery pack, rubber ducky, 1/2 wave whip, 5/8 wave Vocom whip, 5/8 wave Larsen magnetic mount, coil and 82 ARRL repeater dir. All this at a "bargain" price of \$250. Dick Schumacher KA4BHW, 17315 Linda Vista Cir., Lutz, FL 33549 813 962-3095.

TRITON IV, CW filter & NB, w/deluxe PS, good condition \$375. Santee HT-1200, spare battery, leather case, stand-fast charger, wall charger, mobile charger, remote speaker/mike, used very little \$265. ALL for \$575. You pay shipping. Dan Courtney K4HDV, 2210 21st St., West, Bradenton, FL 33505 813 748-8784.

FOR SALE: SWAN MARK II linear amplifier 10 thru 80 meters, 2000 watts PEP, excellent condition, low time on 3-500Z's, original cartons and manual \$485. Radio Shack CB antenna 5/8 wave base station no. 21-1133 page 74 in 1982 catalogue with 50 feet coax \$30. Bill Fannig ND4P, 2710 Sunnybrook Rd., Jacksonville, FL 32216 phone 12 noon till 11 p.m. 904 641-3440.

SALE: Base or mobile two (2) Hammarlund FM-50-A, 147 to 174 MHz Xcvrs. Both on 146.940. With mikes, 12V and 115 VAC built-in power supplies. Cables and manuals. Output 35 wts on 117 VAC or 30 W on 12 VDC or 20 W. on 6VDC. All tunes. NO TRANSISTORS! They are black and measure 8H X 13 W X 8" D with carry handle. \$60 for the pair plus UPS or pick-up. A. C. Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874 after 6 p.m. only please or week-ends.

THE SECRET OF A HAPPY MARRIAGE IS DOING THINGS TOGETHER LIKE OPENING A JOINT BANK ACCOUNT. K1GGP

FOR SALE: Non-linear Systems 15 meg battery operated portable scope with probe, charger, case and manuals, excellent condition \$250. Dave Peeling WD4LLP, 4945 Dolphin Dr., Lake Worth, FL 33463 305 - 967-6526 after 6 p.m.

ESTATE SALE OF JOHN LEHOSKY: Collins KWM2 transceiver with 516F-2 a.c. power supply \$500. Collins 57S-3B receiver with matching 312B3 speaker \$400. MFJ Versa tuner II D. Mod. J-941B \$60. All gear unmodified, no dents or scratches, always kept covered complete with manuals and original boxes. Bud Miller KA4AIK, 902 Nightingale, Miami Springs, FL 33166 305 887-7655.

FOR SALE: Last call for VFH Engineering parts. Complete RX 220 or RX 144 receiver \$45. Receiver modules \$10. each 10.7 MHz crystals \$1.50. adds selectivity \$4.00 each. Small receiver coils \$1. Specify color. Large transmit coils \$1.50 with shield specify color. Receiver F.E.T.s \$1.50. R. Marsh WD4JJQ, 7350 Buchanan St., Hollywood, FL 33022 305 961-6839 730 to 930 AM or write.

WANTED: RCA Chamelst. Sell: Eico mod. 368 TV-FM signal generator \$35. National revn NC-173, 550 kc to 60 Mc. \$75. Jack Meade 7519 Pinebrook, Newport Richy, FL 33553 813 862-2302.

SOME FOLKS MAKE YOU FEEL AT HOME. OTHERS MAKE YOU WISH YOU WERE. KA4ENZ

FOR SALE: Like new, Kenwood TS830S, service manual, original carton \$600. VFO-820 \$85. 2 mtr J-pole antenna \$15. Rudy Scheffer WB4YTZ, 2255 Glen Dr. Safety Harbor, FL 33572 813 726-8375.

FOR SALE: ICOM 701 with power supply, mike, EX-1 extension terminal and RM-2 remote controller \$701.95. Dentron MLA-2500 linear amplifier, 160-10 meters, full legal output \$700. Dentron MT-3000A antenna tuner 3000W PEP \$200. Datong FL2 multimode audio filter \$150. Kantronics Mini-reader \$200. Chris Linden WD4CCL, Box 42, Opa Locka, FL 33054 305 681-1251.

SELL: SWAN 240 transceiver 240 w PEP \$135. Heath PS HP20 \$25. Alda 103 transceiver, solid state 250 W \$260. Trionex TR1000 counter, new \$110. AZDEN PCS 300, new \$260. Tony Pappia K4FCN, 400 N. A-1-A No. 117, Jupiter, FL 33458 305 746-8163.

SELL: FT101EE and mike, manual, excellent condx \$475. HW-101, power supply, mike, mint \$325. National 183D. National NC-300 and speaker. Drake 2C with spkr and Q multiplier \$125. New P-zop pitch motor. Cash or trade. Norm Palon W4TTT, 1543 Kudza Rd., West Palm Beach, FL 334-06 305 588-4952.

READING WITHOUT REFLECTING IS LIKE EATING WITHOUT DIGESTING. KA4ENZ

FOR SALE: Spectrum analyzer - HP8551B with HP851B display (10 Mc. to 12.5 GC) \$250. HP524B digital freq. counter (10 . . c.ps. - 100Mc \$15. HP M41 562A data printer \$10. Tektronix type 107 Sq. Wave Generator and type 111 pretrigger pulse generator \$10. each. Will swap for mobile gear, or whatever? Art Crane N4ERC, 15201 Lake Maurine Drive, Odessa, FL 33556 813 920-6716.

FOR SALE: HAL ST-6, DS-2000 and E MS Video monitor \$585. Guice W. Johnson WA4LHO, 150 Crescent Dr., Punta Gorda, FL 33950 813 - 639-2530.

WANTED: Old bugs for my telegraph and radiotelegraph key collection. I am trying to find each make and model of bug manufactured before 1950. Vibroplex, Martin, McElroy, Johnson, Logan, Bunnell, Signal Corps, A-Z, Helehan, etc. Also need junkers for spare parts. Neal McEwen K5RW, 1128 Midway, Richardson, TX 75081 214 234-1653.

FOR SALE: Hallicrafters HT-37 transmitter, SX-111 receiver, sell separate or both \$175. Ht-37 \$50. SX111 \$125. Elmer R. Menk KA4SHX, 900 - 54 U.S. 41 No., Brooksville, FL 33512 904 796-6981.

FOR SALE: DRAKE TX4C, R4C, MS-4 spkr/PS with D-104 mike \$750. Guice W. Johnson, WA4HLO, 150 Crescent Dr., Punta Gorda, FL 33950 813 639-2530.

POLITICAL CONVENTIONS CONSIST OF A DONKEY, AN ELEPHANT AND A LOT OF BULL!! W4FWI

DRAKE TR-7 FACTORY MANUAL AND TEST SET. \$30. FOB. Charles R. Crowley WA4EDW, 2310 Manatee Ave. W., Bradenton, FL 33505 813 746-1295.

SELL: PANASONIC RF-4900, FM-AM, 1.6 to 30 MHz band receiver with digital frequency readout. AC/battery. Capable black face, rack mount, two years warranty, only 6 months old. Asking \$325, or best offer. Tim Graham, 1212 Milan Ave., Coral Gables, FL 33134 305 446-3103.

SELL: KENWOOD TS520 transceiver with built in power supply and c.w. filter. Can be used mobile. Perfect condition \$450. Mosley classic 33 tri-band antenna \$100. Bill Pope WD4DFD, 790 NW 48 Terr., Plantation, FL 33317 305 792-3194.

FOR SALE: ATLAS 210X with AC console and desk mike \$350. Guice W. Johnson WA4LHO 150 Crescent Dr., Punta Gorda, FL 33950 813 639-2530.

WANTED: ARMY MARS members in MIAMI. For more info write: E. E. Holsington W4YTA, 1227 SE 12 Terr., Deerfield Beach, FL 33441 or call 305 421-6704.

FOR SALE: DRAKE TR4C with AC-4 power supply. Mint condx. Just factory aligned and new finals. Original owner. Factory carton and manual. \$360. Dick Terrill K4ANT, 5606 Sedgerfield St., Orlando, FL 32808 305 299-6338 evenings or weekends.

SELL Heathkit station monitor model SB-614 completely assembled and tested perfect. Manual included. Never used \$125. Call Jack Martin KA4-MMB 305 747-0483 after 4 p.m. or P.O. Box 1552, Jupiter, FL 33468.

FOR SALE: YAESU FT-101E with CW filter, FA-9 fan, FV-101B external VFO, YC-601 digital display and Shure 444 mike \$675. Guice W. Johnson WA4LHO, 150 Crescent Dr., Punta Gorda, FL 33950 813 639-2530.

ITS TOO BAD HUMAN BEINGS CANNOT EXCHANGE PROBLEMS. EVERYONE KNOWS HOW TO SOLVE THE OTHER FELLOWS. W4FWI

SALE: ICOM 730, bought for trip, unused. Original packing \$595. Bob Mersey W6LFD, 4535 Plazq Way. St. Petersburg, FL 33706 813 360-5677.

ATLAS RADIO SET. Includes Atlas 210X, AC console 220 - CS/VX, digital dial DD6 B/C, VOX kit VX5, Vehicle mounting kit, Shure mike 404C, all manuals. Good working condition. Sell Complete \$420, or best offer. Skip Risque WD4FGU, 220 Carter Ave., Melbourne, FL 32901 305 727-0174.

SELL: Kenwood TS-520SE (original carton) 80-10 w/cw filter and warranty. Like new, little use. With Hy-Gain 80-10 meter vertical. Package deal \$500. Doc Garfinkel K4FHF, 1442 NW 100 Dr., Coral Springs, FL 33065 305 752-4009 after 6 p.m.

IF YOU DEVOTE ENOUGH TIME TO STUDYING YOUR WORK SCHEDULE, NOTHING WILL GET DONE. K1GGP

NOTICE: Please get your HAMBARS in early. Make life just a lil easier for yea ole tired Editor. DONT call on telephone at last minute with your HAMBAR. He is up to his "A" with much more important thinks at deadline time. Thanks for your consideration folks. AC W4IYT

YOU KNOW YOUR'RE REACHING OLD AGE WHEN YOUR WEIGHT LIFTING PROGRAMS CONSIST IN STANDING UP!

MISC. FROM ESTATE SALES: Norelco solid state cassette tape recorder works OK. \$9. Century Mark IV solid state cassette recorder with a.c. supply \$10. Sharp Solid state cassette recorder, runs slow, probably needs cleaning \$5. Sounds OK otherwise. AIWA solid state Automatic level control, compact cassette, mike, case, excellent \$13. with instructions... **PUBLICATIONS:** Ham Radio '76, '77 & '78 \$4.00 each year, complete sets. QSTs: 78 and 79 complete sets \$5. each year, pick-up or plus UPS. (need the space!) Triplett 630 VOM with leads \$30. MFJ "Signal Enhancer", dual tunable SSB/CW filter new \$25. Data Eng. Inc. Frequency Marker 5 to 400 kHz, new \$12. Heath Dummy Load Cantenna HN-31 with oil \$14. Dentron Super Tuner with Manual. \$65. EICO RTMA resistance box, mod. 1100, \$9. Archer two-position coaxial switch \$4. 5-position 115 VAC strip, each side fused, UAL approved with 6 foot hvy duty cord, perfect for shack, etc \$10. Antenna wire No. 8 5 cents a foot. NO SKIP, pick-up only. GE Mobile or base communications type speaker with volume control on side \$10. Motorola mobile or base-type communications, 4 ft. cord and std plug \$10. Electro Voice, PPT, HIZ impedance mod. 600D, cord and 3 connector plug \$8. **HELP!!!!** need the space. Andy Clark W4IYT, 41 Lenape Dr., Miami Springs, FL 33166 305 888-3874.

PLEASE NOTE:- ALL HAMBARs ARE \$2.00 MINIMUM -- 5 CENTS A WORD OVER FORTY WORDS. SEE RATE CARD INFO AT BEGINNING OF HAMBAR SECTION FOR DETAILS ON ALL ADS. THANKS...

THE 31ST ANNUAL DAYTON HAMVENTION

The Dayton Hamvention drew an estimated 23,000 persons the week-end of April 23-25. Highlights of the convention included the largest electronics flea market ever held, with over 1,500 speces spread over fifteen acres surrounding the Hara Arena. Everyting electronic could be found there, including computer harware and video/satellite equipment, in addition to the ham gear. There were over 200 commercial exhibits inside the Arena itself, with almost every name in Amateur Radio and allied businesses there, and citizens of many nations present.

Over 120 speakers participated in forums and talks, with five occuring at one time during the peak saturday period. New topics included Pocket Radio, Amateur Space Communications, and Media relations along with a host of other subjects. More than \$37,000. worth of door prizes were awarded. (Westlink Report 5/6/82)

A SUGGESTION

By Bill Willmot, K4TF

How many times have you heard a station call CQ and wondered where the station was calling from? I am sure that all of us have at one time or another.

Only a few short years ago, we would have at least known the broad geographical area from which the station was calling by the call area indicated in his call sign or from the portable indicator. However, this has all changed.

Portable indicators are no longer required by law and stations may now move from one call area to another and keep their old calls. The result is that a W2 station calling CQ might be from the metropolitan New York City area or he might be calling from Hawaii. There is no way of knowing until contact is made and you are told during the preliminaries of the QSO.

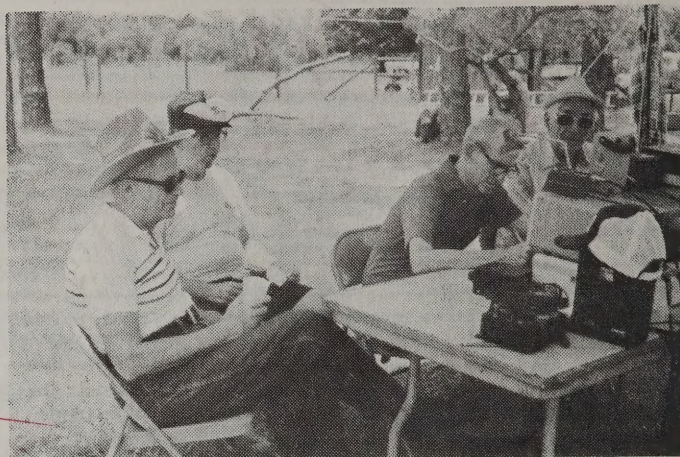
There are many times when stations are tuning across the band looking for specific geographical areas for one reason or another. Perhaps they are looking for a fone patch or maybe they want to send a radiogram. While most stations answering a CQ probably don't much care where the caller is located, the addition of city and state to the call would greatly assist those who are interested in making contact with a certain area.

Why not give it a try? It might just add a new dimension to amateur radio.

WHEREAS:- He has withstood the slings and arrows of outrageous fortune, with steadfast fore-bearance, and;

WHEREAS:- Such service should not go unrecognized;

THEREFORE — BE IT RESOLVED:- That the Southern Florida traffic-handlers express their sincere thanks, and appreciation, of his Leadership, and — That a plaque be presented as a lasting token of their appreciation. And — **SO SAY WE ALL.**



FOUR old timers enjoy Field Day at the Tampa Amateur Radio Club set-up. L to R: W3SAI, John; WD4HHH, Del; W4DVO "Cy" on the key and WA4CJG Don. Rig used Yaesu, courtesy KR4X, Larry. (Photo by WA4LEN)

BIKINI...FROM front page.

Using protables, the sixteen hours of communications went off with few, if any, reported problems. Paul Pivec, Captain of the Volusia County Lifeguard Service, hosts for this year's National Competition, praised the Amateur Radio Operators for their professional quality service and thanked the group for performing a valuable public service. Amateur Radio received plenty of good PR before a nationally represented group of competitors and visitors.

We would like to thank John Bayne N4EEB, Rick Felisko K4BHK, Johanne Haas KA4MEJ, Ann Kalashian KA4MLQ and Matt Lefkowitz WB4KRR all of the Daytona Beach area and Red Goraum KC4ZF, Bill Gibson KD4FI, Phil Graven KD4IV, Tom Davis N4FTF, Dave Sutherland N4GMU, Walt Maxwell W2DU and Jim Tew WA4ONZ, all of the Deland area for participating in this community service event. You are all to be commended for a job well done. Once again, thanks for helping out!!!

As if two days of beach work and eye-straining bikini-watching wasn't enopugh, the weekend that followed, August 21 and 22 saw the Hobie Fleet 80 Summer Surf Sizzler '82 Sailboat Races take place on the ocean off Daytona Beach Shores.

Once again the crowds gathered to watch their favorite sailors compete for dominance in what has become a very popular sport. Hams from all around the county were out in force again. Prepared for the worst, our operators laid in all the necessary supplies: binoculars, suntan lotion, handie-talkie, eye-drops, etc., etc.

Undaunted by rolling ocean waves, operators manned chase boats to help sailboats in trouble and move course markers; judge's boats complete with the usual complement of beer and "secretaries" and, of course, land based stations for scoring and administration.

Everyone had a good time and Amateur Radio proved once again that public service is one big reason we exist. The host for the event, Hobie Fleet 80 of the Daytona Beach area, thanked the hams for their usual fine job and expressed hope that we would help again next year.

Our thanks to Ken Vanslette WB4FKL, Red Langston KB4SR, Charlie Dunkle WB4YFT, Ray Wilson N4ENL, Phil Shulins WD4OSS, Bruce Kalashian KB4GW, Carlton Smith KA4VPM, Charlie Jett WD4BYT, Ron Mettler WB4GHU, Dave Wentland WA4BHZ and organizer Rick Kluew WB4QAC for their fine public spirited work. We applaud you and admire your endurance under such rigorous working conditions. Who said public service work had to be rough??? See y'all on the beach!!!

ANOTHER FREE FLEE

Load up your car or truck and sell - tail gate. 8AM to 4PM October 23rd at the Motorola N.E. Parking area. Sunrise Blvd. and University Drive, Plantation. All welcome. 73, W4MAQ

C-1082-12